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# Using Turbidity Monitoring and LiDAR-Derived Imagery to Investigate Sources of Suspended Sediment in the Little North Santiam River Basin, Oregon, Winter 2009-2010

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# Using Turbidity Monitoring and LiDAR-Derived Imagery to Investigate Sources of Suspended Sediment in the Little North Santiam River Basin, Oregon, Winter 2009–2010

by

Steven Sobieszczyk

A thesis submitted in partial fulfillment of the
requirements for the degree of

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in
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## Abstract

The Little North Santiam River Basin is a 111-square mile watershed located in the Cascade Range of western Oregon. The Little North Santiam River is a major tributary to the North Santiam River, which is the primary source of drinking water for Salem, Oregon and surrounding communities. Consequently, water quality conditions in the Little North Santiam River, such as high turbidity, affect treatment and delivery of the drinking water. Between 2001 and 2008, suspended-sediment loads from the Little North Santiam River accounted for 69% of the total suspended-sediment load that passed the treatment plant. Recent studies suggest that much of this sediment originates from landslide activity in the basin.

Using airborne Light Detection and Ranging (LiDAR)-derived imagery, 401 landslides were mapped in the Little North Santiam River Basin. Landslide types vary by location, with deep-seated earth flows and earth slumps common in the lower half of the basin and channelized debris flows prominent in the upper basin. Over 37% of the lower basin shows evidence of landslide activity compared to just 4% of the upper basin. Instream turbidity monitoring and suspended-sediment load estimates during the winter of 2009–2010 demonstrate a similar distribution of sediment transport in the basin. During a 3-month study period, from December 2009 through February 2010, the lower basin supplied 2,990 tons, or 91% of the suspended-sediment load to the Little North Santiam River, whereas the upper basin supplied only 310 tons of sediment. One small 23-acre earth flow in the lower basin, the Evans Creek Landslide, supplied 28% of the total suspended-sediment load, even though it only comprises 0.0004% of the basin.

The Evans Creek Landslide is an active earth flow that has been moving episodically since at least 1945, with surges occurring between 1945 and 1955, 1970 and 1977, in February 1996, and in January 2004. Recent erosion of the landslide toe by Evans Creek continues to destabilize the slope, supplying much of the sediment measured in the Little North Santiam River. Over the last 64 years, the average landslide movement rate has been between 5 and 12 feet per year.

**Dedication**

For my little girl, Maggie

and

for Mac, stay strong.

**Acknowledgements**

I would like to thank all those who motivated me and supported me, for those who corrected my errors, and for those who sacrificed their time and energy to help me complete this study. This research could have not been completed without you.

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**Chapter 1: Introduction**

Landslides are a common landscape feature in the Cascade Range of western Oregon. The combination of heavy rainfall, deeply-weathered soils, and steep slopes in the region make hillsides highly susceptible to slope failure. Along high elevations with steep slopes debris flows tend to be most common, while in the lower Western Cascades and Willamette Valley foothills earth flows and rotational earth slumps become more prevalent (Swanston, 1981; Swanson and others, 1987; Pearch, 2001; Hofmeister and others, 2002). Landslide activity poses many risks to people and the environment, including concerns from sediment transport in streams, damage to infrastructure, and even loss of life. Therefore, the identification of landslide locations or landslide-prone areas is vital for reducing these potential risks. Recently, landslide identification and visualization has improved greatly due to the availability of high-resolution aerial Light Detection and Ranging (LiDAR)-derived imagery (Haugerud and others, 2003; Burns, 2007). Since LiDAR is effective at penetrating the dense tree canopy cover of Pacific Northwest forests, new landslide inventories have become much more detailed than those completed previously using a combination of aerial photographic interpretation and field reconnaissance (Burns, 2007).

Identifying and cataloguing landslides is a high priority for state and federal land managers following periods of intense rainfall and flooding, such as during the 100-year flood event that occurred in February 1996 (Burns and others, 1998; Hofmeister and others, 2002; Oregon Department of Geology and Mineral Industries, 2009a). In early 1996, heavy rainfall mobilized thousands of debris flows (Hofmeister, 2000), as well as numerous rotational slumps and earth flows, across much of the western Oregon. One watershed where hundreds of these rapidly-moving landslides were observed was the North Santiam River Basin (Bates and others, 1998; Hofmeister, 2000). The landslides damaged a number of homes and roads, as well as supplied 100,000s of tons of sediment into rivers and streams, greatly reducing water quality in the North Santiam River (Bates and others, 1998; U.S. General Accounting Office, 1998; Hulse and others, 2002). Because the North Santiam River serves as the primary source of drinking water for Salem, Oregon, and the surrounding communities, highly turbid (or "dirty") water was problematic for treatment and consumption. In response, the City of Salem joined with the U.S. Geological Survey (USGS) to investigate sediment sources and establish a near real-time continuous water-quality monitoring network in the basin. The monitoring network became operational in the fall of 1998 and remained an essential tool for regulators and land managers through the winter of 2009–2010.

Between 1998 and 2010, storms did not produce any runoff events as large as the flood observed in February 1996. Although recent storms were smaller, major turbidity events did continue to occur throughout much of the North Santiam River Basin (Sobieszczyk and others, 2007). However, few of these turbidity events affected treatment plant operations. For example, major turbidity events in the upper North Santiam River Basin, such as the November 6, 2006, Mount Jefferson debris flow (Sobieszczyk and others, 2008) were large and dramatic, but rarely supplied significant amounts of sediment into the lower basin below Detroit Lake (Bragg and Uhrich, 2010). Suspended sediment from the upper basin often settled and remained trapped behind Detroit Dam, effectively reducing the amount of material that reached the City of Salem's drinking-water treatment plant. Therefore, most suspended sediment that passed the treatment plant originated in the lower North Santiam River Basin. According to a recent study (Bragg and Uhrich, 2010), 69% of the suspended-sediment load that passed the treatment plant between October 2001 and September 2008 came from the Little North Santiam River.

Since most of the suspended-sediment load measured in the lower North Santiam River comes from the Little North Santiam River, much of the new research in sediment transport focuses on the Little North Santiam River Basin. For example, this study investigates potential source areas where sediment originates within the basin, what factors likely influence sediment erosion and transport, and if there are possible mitigation solutions that can be implemented to reduce erosion and suspended-sediment transport. Since landslides appear to contribute much of the suspended sediment found in streams of Cascadian watersheds (Fredriksen, 1971; Ambers, 2001; Pearch, 2001: Sobieszczyk and others, 2007), slope stabilization techniques are also discussed.

## Chapter 2: Aims and Objectives

The purpose of this study is to examine potential source areas where sediment production is responsible for increased turbidity in the Little North Santiam River. Previous work in the Little North Santiam River Basin (Bureau of Land Management, 1997; Sobieszczyk and others, 2007; Bragg and Uhrich, 2010) and elsewhere in the Cascade Range (Fredriksen, 1971; Bates and others, 1998; Pearch, 2001; Hulse and others, 2002) suggests that high turbidity in streams is often associated with a specific landslide or mass-wasting event. Therefore, this study investigates landslide source areas in the Little North Santiam River Basin and examines their influence on sediment input to rivers and streams. This assessment was completed using a combination of remote sensing techniques, including LiDAR-based mapping, aerial photographic interpretation, and instream turbidity monitoring. Specific goals for this project included:

- Use high-resolution LiDAR-derived imagery, aerial photographs, and field reconnaissance to map landslide deposits in the Little North Santiam River Basin;
- Monitor continuous instream turbidity and estimate suspended-sediment loads at five locations in the Little North Santiam River Basin for the winter of 2009–2010;
- Examine how sediment input varied, by reach, in the Little North Santiam River;
- Where possible, relate suspended-sediment loads to specific landscape features, such as the Evans Creek Landslide;
- Examine how the Evans Creek Landslide has changed over time;
- Discuss how geology, hydrology, and land management practices influence erosion potential and sediment transport in the basin; and
- Assess possible alternatives for reducing erosion risk and improving slope stability in the basin.

## Chapter 3: Background

### 3.1: Study Area

Located in the heart of the Cascade Range of western Oregon, the Little North Santiam River drains 111 square miles ($mi^2$) [287 square kilometers ($km^2$)] and traverses over 22 miles (mi) [35 kilometers (km)] before entering the North Santiam River at the town of Mehama, Oregon (Figure 1). Since the Little North Santiam River is the largest tributary with the greatest amount of sediment input of any stream entering the North Santiam River below Detroit and Big Cliff Reservoirs (Bragg and Uhrich, 2010), it has a significant effect on water quality and streamflow conditions in the North Santiam River.

As is characteristic with Cascadian rivers, the headwaters of the Little North Santiam River are located high in the mountains, discharging mostly from groundwater seeps. Seasonal snowmelt from high elevation snowfields also contribute to higher streamflow conditions during the winter and spring. The Little North Santiam River Basin is considered part of the Western Cascade ecoregion (Omernik, 1987) and physiographic province (Forest Ecosystem Management Assessment Team, 1993), which when combined with the High Cascades to the east, comprises the Cascade Range. The Western Cascades typically have lower average elevations and are composed of older and more weathered bedrock than the High Cascades. Surface elevations in the basin range from 660 to 5,560 feet above sea level.

Access through the basin is relatively limited with residents mostly dependent on North Fork and Gates Hill Roads, both of which are Marion County Public Works-maintained roadways. The Little North Santiam River Basin covers much of north-central Marion County, with a small portion of the basin overlapping into Clackamas County.

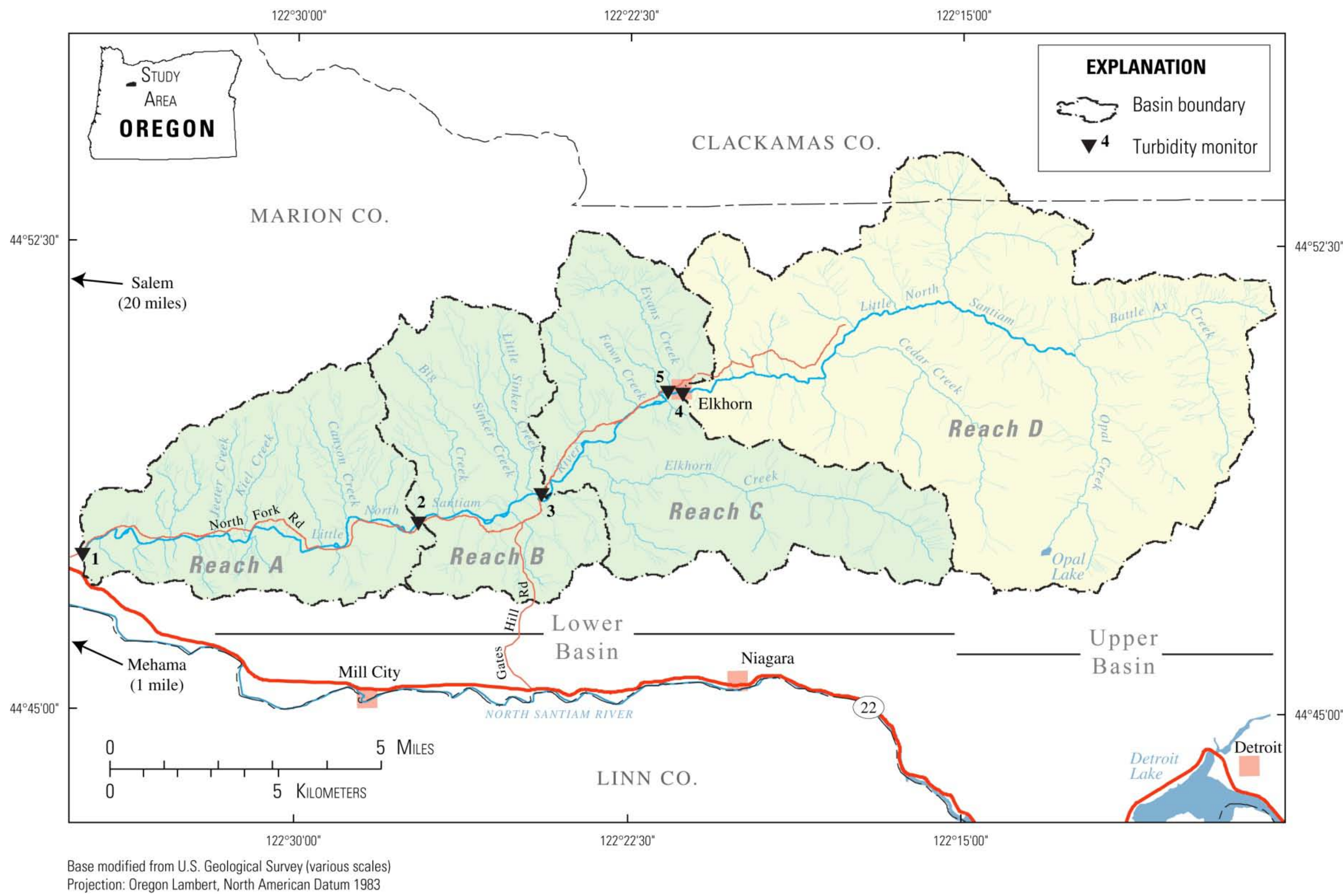



Figure 1. Location of the Little North Santiam River Basin, Oregon.

## 3.2: Basin Setting

### 3.2.1: Climate and Precipitation

The climate of the Little North Santiam River Basin is characteristic of the Western Cascades physiographic province, represented by warm, dry summers and cool, rainy winters (PRISM Climate Group, 2006). It is common for mountain peaks in the basin to receive 10s of inches (in.) [10s to 100s of centimeters (cm)] of winter snowfall, while much of the valley floor receives less than a few inches of snow a year (Oregon Climate Service, 2006). Most precipitation occurs as rainfall, with highlands receiving nearly a third more rain than the valley floor (Figure 2). Although the estimated 30-year mean annual precipitation in the basin varies between 70 and 103 in. [178 and 262 cm], nearby rain gages in Salem and Detroit, typically record between 40 and 50 in. [102 and 127 cm] of rain per year (Oregon Climate Service, 2006).

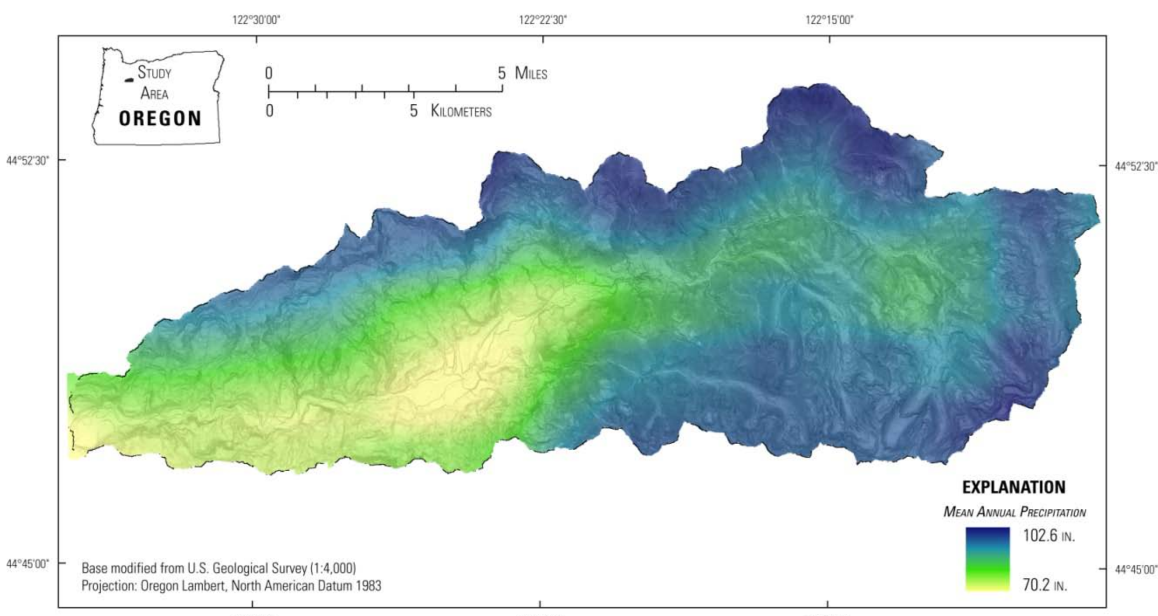



Figure 2. Mean annual precipitation (1971-2000), in inches, for the Little North Santiam River Basin, Oregon (modified from PRISM Climate Group, 2006).

### 3.2.2: Geologic Maps and Soil Surveys

#### 3.2.2.a: Geology

The bedrock geology of the Little North Santiam River Basin is comprised predominantly of Little Butte and Late Western Cascade Volcanics (Walker and McLeod, 1991; Bureau of Land Management, 1997; Sherrod and Smith, 2000; Oregon Department of Geology and Mineral Industries, 2009b). These terranes consist of mixed rock types, including volcaniclastic sedimentary rocks, tuffs, and lava flows and flow breccias (Table 1). Rocks are generally Oligocene (32 to 17 million years old) to Miocene (17 to 10 million years old) age. The upper basin, as defined by Reach D (Figure 1), is primarily younger (Miocene-age) and less eroded basaltic andesite. This basalt "cap" has eroded and receded in much of the lower basin, thereby exposing older Oligocene-aged undifferentiated tuffaceous, volcaniclastic, and sedimentary rocks (Figure 3; Oregon Department of Geology and Mineral Industries, 2009b). Similar basalt flows cover both the northern and southern ridge top margins of the lower basin. Along with expansive lava flows and other pyroclastic deposits, a number of northwest-trending basaltic and andesitic dikes and intrusions are also exposed at different locations in the basin.

Surficial geology along the valley floor includes alluvial, colluvial, and lacustrine deposits, as well as some Quaternary glacio-fluvial deposits. Pleistocene glaciers scoured parts of the upper basin, leaving cirques and at least one glacial lake (Opal Lake). Ancient subduction zone earthquakes (Scott Burns, Portland State University, oral commun., 2009) likely triggered massive landslides in the central and lower valley that dammed the Little North Santiam River, creating prehistoric lakes and subsequent terrace deposits near present day Elkhorn and Elkhorn Valley (Sherrod and Smith, 2000).

Table 1. Geologic unit descriptions (Oregon Department of Geology and Mineral Industries, 2009b) and related landslide frequency per unit in the Little North Santiam River Basin, Oregon.

[Shading represents geologic units with landslide activity]

| Unit | Description | Age | Terrane | Rock Type | General Geology | Landslide Frequency |
|---|---|---|---|---|---|---|
| Dike | Dike | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | intrusive rocks | 0 |
| Dike1 | Dike | Oligocene/Miocene | Late Western Cascade Volcanics | mixed lithologies | intrusive rocks | 0 |
| QTg | Weathered terrace gravel | Pliocene/Pleistocene | Willamette Group | mixed grained sediments | sediments | 0 |
| QTi | Quaternary-Tertiary intrusions | Pliocene/Pleistocene | Late High Cascade Volcanics | mafic composition lithologies | intrusive rocks | 0 |
| Qal | Alluvium | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 1 |
| Qau | Alluvium, undifferentiated | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 3 |
| Qba | Basalt of Battle Ax | Quaternary | Late High Cascade Volcanics | basaltic andesite | volcanic rocks | 0 |
| Qgf | Glacio-fluvial deposits | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 15 |
| Qls | Landslide deposits and colluvium | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 38 |
| Qt | Terrace and fan deposits | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 40 |
| Qyt | Younger till | Quaternary | Quaternary surficial deposits | mixed grained sediments | sediments | 6 |
| Tad | Andesite, porphyritic feeder dikes of the lower member | Oligocene/Miocene | Little Butte Volcanics | andesite | intrusive rocks | 0 |
| Tb | Ridge-capping basalt and basaltic andesite | Miocene | Early High Cascade Volcanics | basalt | volcanic rocks | 1 |
| Tba | Basaltic andesite | Miocene | Late Western Cascade Volcanics | basaltic andesite | volcanic rocks | 18 |
| Tbp | Tourmaline bearing breccia pipes | Oligocene/Miocene | Little Butte Volcanics | breccia | intrusive rocks | 0 |
| Tc | Columbia River Basalt Group and related flows | Miocene | Columbia River Basalt Group | basalt | volcanic rocks | 4 |
| Td | Beds at Detroit | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | volcaniclastic rocks | 0 |
| Tdg | Diorite and gabbro | Miocene | Late Western Cascade Volcanics | intermediate composition lithologies | intrusive rocks | 0 |
| Tds | Dacite | Oligocene/Miocene | Little Butte Volcanics | dacite | volcanic rocks | 0 |
| Tfc | Flows and clastic rocks, undivided | Miocene | Late Western Cascade Volcanics | intermediate composition lithologies | volcanic rocks | 44 |
| Thg | Hewlit Granodiorite | Oligocene/Miocene | Little Butte Volcanics | intermediate composition lithologies | intrusive rocks | 0 |
| Ti | Undifferentiated Tertiary intrusions | Miocene | Late Western Cascade Volcanics | mixed lithologies | intrusive rocks | 0 |
| Tib | Intrusive basalt and andesite intrusions | Miocene/Pliocene | Late Western Cascade Volcanics | mixed lithologies | intrusive rocks | 0 |
| Tib1 | Intrusive basalt and andesite intrusions | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | intrusive rocks | 0 |
| Tiha | Hornblende Andesite/Diorite | Miocene | Late Western Cascade Volcanics | andesite | intrusive rocks | 5 |
| Tipa | Pyroxene Andesite/Diorite | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | intrusive rocks | 0 |
| Tis | Silicic intrusive rocks | Oligocene/Miocene | Little Butte Volcanics | felsic composition lithologies | intrusive rocks | 0 |
| Tlm | Sardine Formation, lower member | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | volcaniclastic rocks | 11 |
| Tmd | Microdiorite | Oligocene/Miocene | Little Butte Volcanics | intermediate composition lithologies | intrusive rocks | 0 |
| Tmv | Mafic vent complexes | Miocene | Late Western Cascade Volcanics | mafic composition lithologies | vent and pyroclastic rocks | 0 |
| Tn | Andesite of Nohorn Creek | Miocene | Late Western Cascade Volcanics | andesite | volcanic rocks | 0 |
| Tql | Quartz latite/rhyodacite | Oligocene/Miocene | Little Butte Volcanics | felsic composition lithologies | intrusive rocks | 0 |
| Tr | Rhododendron Formation | Miocene | Late Western Cascade Volcanics | andesite | volcanic rocks | 6 |
| Trd | Ruth diorite | Oligocene/Miocene | Little Butte Volcanics | intermediate composition lithologies | intrusive rocks | 0 |
| Tsa1 | Sardine Formation, Tuff of Pansy Basin | Oligocene/Miocene | Little Butte Volcanics | ashflow tuff | volcaniclastic rocks | 1 |
| Tsa4 | Sardine Formation, Hornblende Andesite flow of Silver King Mountain | Miocene | Late Western Cascade Volcanics | andesite | volcanic rocks | 0 |
| Tu | Tuffaceous sedimentary rocks, basalt flows, and tuffs, undivided | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | volcaniclastic rocks | 195 |
| Tum | Sardine Formation, upper member | Miocene | Late Western Cascade Volcanics | basaltic andesite | volcanic rocks | 10 |
| Tus | Clastic sedimentary rocks | Oligocene/Miocene | Little Butte Volcanics | mixed lithologies | volcaniclastic rocks | 3 |

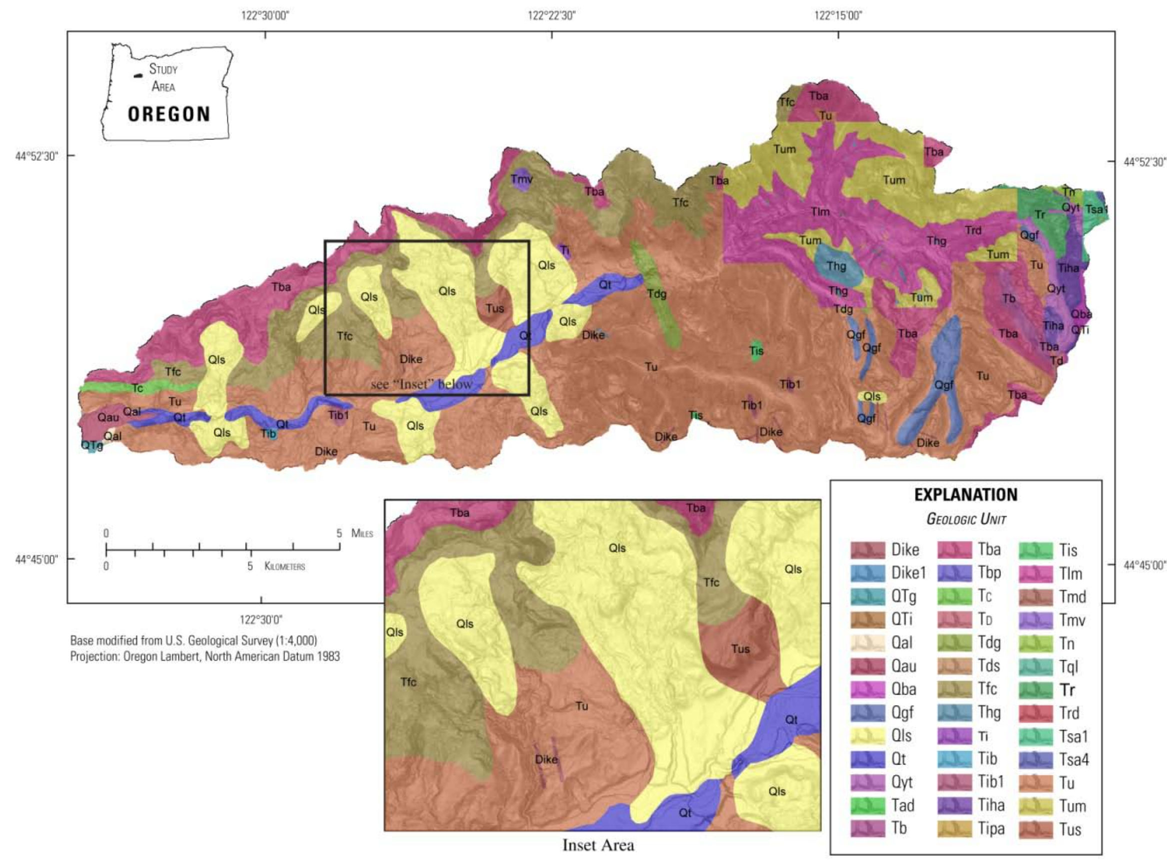



Figure 3. Geology of the Little North Santiam River Basin, Oregon (Oregon Department of Geology and Mineral Industries, 2009b).

### 3.2.2.b: Pedology (Soils)

Due to mixed private, state, and federal land ownership within the Little North Santiam River Basin (see "Land Management and Land Use Activities" below) there is not a high-quality continuous, comprehensive soil survey across the entire basin. Instead, the Natural Resources Conservation Service (NRCS) has compiled a countywide soil survey geographic (SSURGO) database (Natural Resources Conservation Service, 2007) for non-federal land, while the U.S. Forest Service (USFS) compiled a soil resources inventory (SRI) survey for land in the Willamette National Forest (U.S. Forest Service, 1992). Each survey mapped and characterized different soil-related factors, with little to no overlap between the two inventories. However, the Bureau of Land Management (BLM) conducted a broad watershed assessment (1997) following the 1996 flood that examined the general pedology (Table 2) of the whole basin based on the available soil inventories, including the coarse-scale state soil geographic (STATSGO) database (Natural Resources Conservation Service, 1994).

Table 2. Soils of the Little North Santiam River Basin, Oregon (Bureau of Land Management, 1997).

[**Abbreviations:** $mi^2$; square miles; $km^2$, square kilometers]

| Soil Groups | Area ($mi^2$) [$km^2$] | Percent of basin | Description |
|---|---|---|---|
| Keel, Hummington, Highcamp | 59 [153] | 53% | Cryic cold soils |
| Winopee, Dinzer, Talapus | 13 [34] | 12% | Cryic cold soils |
| Peavine, Honeygrove, Orford | 16 [42] | 14% | Silty clay loams, Clay loams |
| Klickatat, Kinney, McCully | 21 [55] | 19% | Gravelly, cobbly loams |
| Malabon, Coburg, Salem | 1 [3] | 1% | Silt loams |

Soil development in the Little North Santiam River Basin is controlled by the underlying geology, past glaciations, regional climate, vegetation, and periodic disturbances such as fire, flood, and landsliding (Bureau of Land Management, 1997). Soil type and development also varies based on basin location. For example, the upper half of the basin (primarily Reach D) consists of shallow-soiled highlands with sharp bedrock ridges. Due to steep slopes in these high elevations, only shallow, poorly-sorted soil accumulation is possible. The relatively young soils have undergone limited soil horizon development and are composed of moderately to well-drained cobbly or stony loams (Bureau of Land Management, 1997).

In the western, low-elevation portion of basin, soils are thicker and more developed. These soils consist of well-drained clay loams covering intermixed cobbly loams, as well as a mixture of glacial till, colluvium, and weathered tuffaceous igneous rock. Much of tuffaceous, volcaniclastic rock has weathered into chlorite, illite, and smectite-rich clays (Glasmann, 1997; Ambers, 2001). These thick, clay-rich soils form unstable, deep-seated earth flows and rotational earth slumps found in the lower basin. Smectite clays are a major source of persistent turbidity (Sobieszczyk and others, 2007) since they are easily eroded and can remain in colloidal suspension for months following major storm events (Bates and others, 1998; Hulse and others, 2002; Uhrich and Bragg, 2003). Due to the expandable nature of these smectite clays, their presence in earth flow soils is evident by their x-ray diffraction clay mineralogy after samples are treated with ethylene glycol (Figure 4), a process that causes the clay layers to hydrate and expand.

### 3.2.3: Land Management and Land Use Activities

Land management in the Little North Santiam River Basin is divided into private, state, and federal lands (Table 3). Most of the upper basin, and nearly half of the entire basin, is covered by the Bull of the Woods Wilderness, a component of the USFS Willamette National Forest. The wilderness area extends from near the town of Elkhorn east through the remainder of the highlands (Figure 5). Much of the federally-protected old growth forest is accessible by trail, including natural and historical sites, such as the scenic Opal Creek Wilderness area and the historic mining town Jawbone Flats. The lower basin consists of a checkerboard of mixed landowners, including Oregon Department of Forestry, BLM, private timber, and private residential (Figure 5).

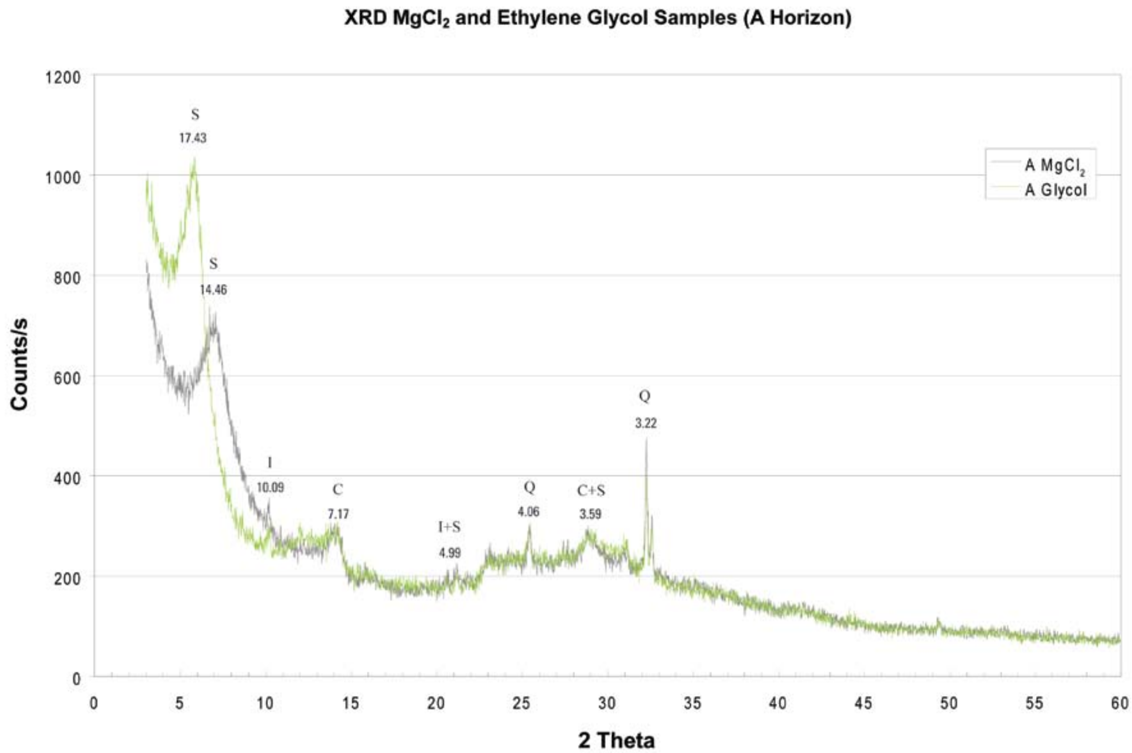



Figure 4. X-ray diffractogram (XRD) for soil sample collected from the Bear Trap Slide (earth flow) in the lower Little North Santiam River Basin, Oregon. Clay mineralogy includes smectite (S), illite (I), chlorite (C), quartz (Q), and expansive intermixed layers (C+S). Labels represent d-spacing distances (Å) of clay minerals. Clay mineralogy sample was processed twice, first with $MgCl_2$ (gray line) only, then with $MgCl_2$ and ethylene glycol (green line). XRD work completed previously by author (unpublished) using methods defined in Glasmann (1997) and Ambers (2001).

Table 3. Summary of land ownership in the Little North Santiam River Basin, Oregon (Oregon Department of Forestry, 2003).

[**Abbreviations:** $mi^2$; square miles; $km^2$, square kilometers]

| Owner | Area ($mi^2$) [$km^2$] | Percent of basin |
|---|---|---|
| Bureau of Land Management | 20 [54] | 19% |
| Forest Service | 54 [140] | 48% |
| Oregon Department of Forestry | 3 [8] | 3% |
| Private | 33 [85] | 30% |
| Total | 111 [287] | 100% |

Land use activities in the basin include: recreation, such as golfing, camping, hiking, fishing, and kayaking; resource extraction, such as timber harvesting and mining; agricultural farming; and urban development and domestic use. The Little North Santiam River is considered a pristine river (Bureau of Land Management, 1997) and is designated as one of Oregon's Scenic State Rivers (Oregon Parks and Recreation Department, 2010). Large developments and points of interest in the basin include the Elkhorn Valley Golf Course, North Fork and Salmon Falls County Parks, and Bear Creek and Elkhorn Valley Campgrounds.

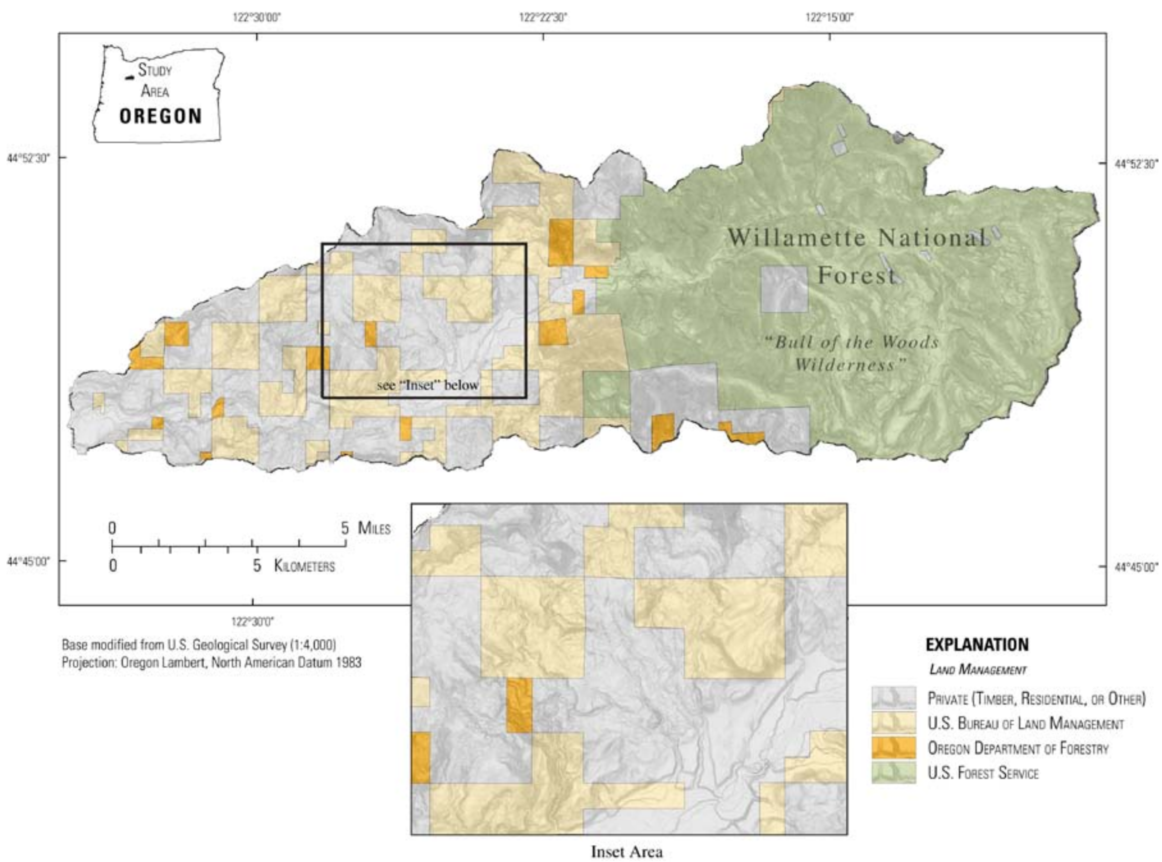



Figure 5. Distribution of land ownership or management in the Little North Santiam River Basin, Oregon (Oregon Department of Forestry, 2003).

### 3.2.4: Roadways, Logging Roads, and Trail Network

Road construction and maintenance is a common necessity in the Little North Santiam River Basin. Timber companies that actively harvest must continually develop new logging roads while either maintaining or decommissioning older ones. In addition, large roadways, such as the North Fork Road, also require continued maintenance and repairs. For example, active landsliding beneath the North Fork Road has required a series of engineered solutions over the past few years to stabilize and repair segments of the roadway (Landslide Technology, 1997; GeoDesign, 2009). At the time of this publication, a section of road atop an active landslide ("Bear Trap Slide") near Mile Post 4 was still progressively failing and causing major transportation problems (Rod Bray, Marion County Public Works, oral commun., 2009). North Fork Road and Gates Hill Road are the two primary roadways that traverse in and out of the basin and are both maintained by the county.

Similar to previously mentioned basin characteristics, the road network in the Little North Santiam River Basin is highly variable (Figure 6). The upper basin has few active roads and a limited number of remnant logging roads, most of which have been converted into network of hiking trails. Conversely, the lower basin has a dense network of logging roads and road right-of-ways, two county-maintained roadways, and other residential roads, driveways, and trails.

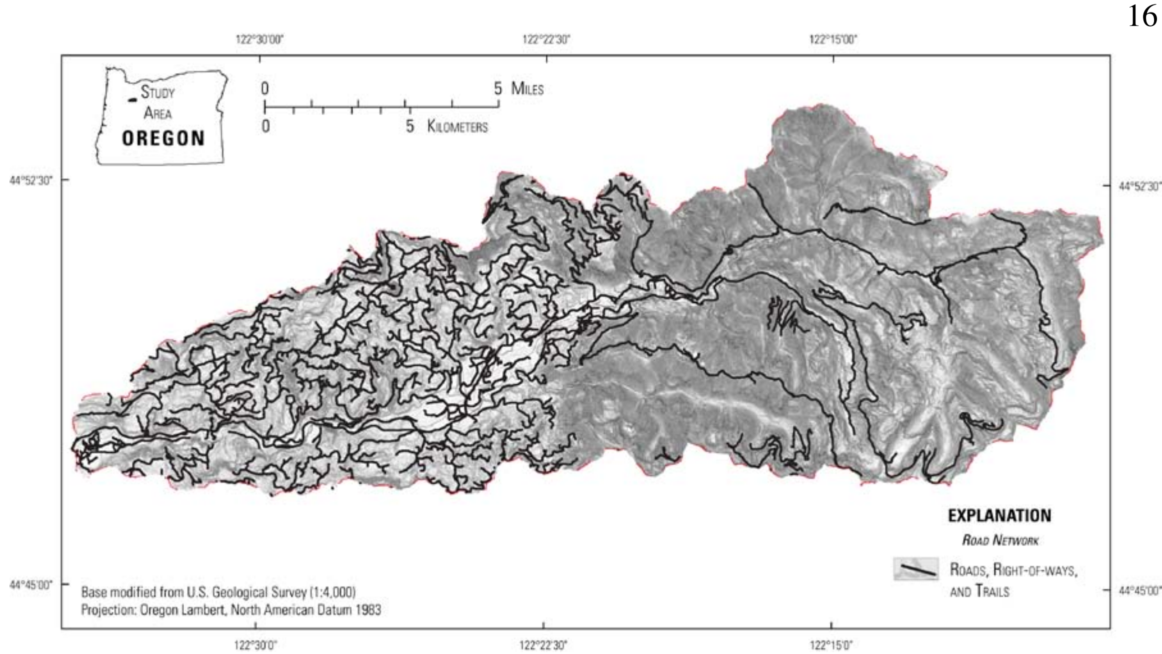



Figure 6. Roads, right-of-ways, and trails in the Little North Santiam River Basin, Oregon.

## 3.3: Historical Water-Quality Issues

### 3.3.1: Little North Santiam River Turbidity

Although the pristine waters of the Little North Santiam River allow for low maintenance, affordable drinking water through primarily slow-sand filtration, sometimes water-quality issues arise that require more costly treatment. Examples of water-quality issues include point source pollution, algal blooms, and high turbidity events. This study focuses on issues with turbidity and related suspended-sediment transport. Turbidity issues relate to any event where enough sediment enters a stream that there is a concern about maintaining a safe public water supply or protecting against damage to the drinking-water treatment plant (Economic and Engineering Services and HDR Engineering, 2003). Recent high turbidity events that were a concern in the Little North Santiam River occurred during the 1996 flood (Bureau of Land Management, 1997;

Bates and others, 1998; U.S. General Accounting Office, 1998), in November 1999, in January 2004 (Sobieszczyk and others, 2007; Bragg and others, 2007), and November 2006 (Bragg and Uhrich, 2010).

In 1996, a number of water samples were collected by the City of Salem at tributaries along the Little North Santiam River and measured in their laboratory for turbidity (Bureau of Land Management, 1997). Samples were collected during individual storm periods over the winter months from streams with visibly elevated turbidities. During the sampling Canyon Creek produced six high turbidity events, Sinker Creek produced four, Kiel and Evans Creeks produced two each, and Fawn Creek produced one (Bureau of Land Management, 1997). The highest measured turbidity during that study was from Evans Creek with a reading of 130 Nephelometric Turbidity Units* (NTU).

In November 1999, heavy rainfall initiated one of the highest monthly suspended-sediment loads recorded for the Little North Santiam River (Bragg and others, 2007). The river transported roughly 46,000 short tons (T) [42,000,000 kilograms (kg)] of sediment in November (Heather Bragg, U.S. Geological Survey, written commun., 2009). That single month comprised 78% of the entire yearly suspended-sediment load for water year 2000 (October 1, 1999 through September 30, 2000). The major turbidity event that occurred in January 2004 was much smaller than both the 1996 flood and November 1999 storm periods, yet poor water-quality conditions still prompted a brief closure of the water treatment plant (Sobieszczyk and others, 2007). Turbidity rose above 250 Formazin Nephelometric Units* (FNU) and estimates indicated over 11,000 T [10,000,000 kg] of suspended sediment flowed through the Little North Santiam River in only four days. The sediment transported over that 4-day period equated to 62% of the annual suspended-sediment load for water year 2004 (Bragg and others, 2007). Lastly, in November 2006 a major storm passed over much of the Pacific Northwest, triggering landslides across much of the region (National Park Service, 2007; Pirot and others, 2007; Sobieszczyk and others, 2008). During that winter, due mostly to a single storm event on November 6 and 7, the second highest monthly suspended-sediment load, 39,000 T [35,000,000 kg], occurred in the Little North Santiam River (Bragg and Uhrich, 2010).

> **Note for Measuring Turbidity*
> *Turbidity sensors that measure Nephelometric Turbidity Units (NTU) use a white or broadband light source (400-680 nanometers), whereas sensors measuring in Formazin Nephelometric Units (FNU) use an infrared or monochrome light source (780-900 nanometers). Both instruments detect scattered light at near 90° to the incident light source. FNU are one of the most common measurements for in situ turbidity readings. Laboratory instruments commonly measure in NTU. Units are not interchangeable (Anderson, 2005).*

### 3.3.2: Evans Creek Turbidity

Field investigations during these high turbidity events in the Little North Santiam River, as well as during other storms from subsequent years, determined that much of the suspended sediment observed in the river came from Evans Creek (Figure 7). Evans Creek is a small tributary that enters the Little North Santiam River downstream of the town of Elkhorn (Figure 1). The creek drains a 3.4 mi$^2$ [9 km$^2$] watershed. Since at least 2004 (Sobieszczyk and others, 2007), Evans Creek has been consistently more turbid than the Little North Santiam River (Figure 7). Turbidity is high in Evans Creek regardless of rainfall or river stage conditions, with elevated turbidity observed both in wet winter and dry summer months.


Figure 7. Multiple instances of turbid water from Evans Creek entering the Little North Santiam River, Oregon (Photos: Mark Uhrich and Steven Sobieszczyk, U.S. Geological Survey, various dates).

**3.4: Local Slope Stability Concerns and Landslide History**

Previous landslide inventories (Oregon Department of Geology and Mineral Industries, 2009a) and an examination of geologic maps in the area (Walker and McLeod, 1991; Sherrod and Smith, 2000; Oregon Department of Geology and Mineral Industries, 2009b) identify between seven and ten discrete Quaternary landslide deposits ("Qls") in the Little North Santiam River Basin (Figure 3), depending on the source material (see "Landslide Inventory Compared to Previous Studies" in Results section, or Table 10). The landslide deposits in these inventories are concentrated in the lower basin and cover about 12 $mi^2$ [31 $km^2$] (Figure 8). Following the 1996 flood, the Oregon Department of Geology and Mineral Industries (DOGAMI) completed a new inventory of recent landslides from that winter and discovered 35 additional rapidly-moving landslides, or debris flows, in the basin (Figure 8; Hofmeister, 2000). The Bureau of Land Management (1997) also inventoried landslides for their land in the Little North Santiam River Basin and determined that most failures were small, none greater than 10,000 cubic feet ($ft^3$) [300 cubic meters ($m^3$)].

Previous work completed by Sobieszczyk and others (2007) examined sediment contribution from a small earth flow adjacent to Evans Creek, a tributary to the Little North Santiam River. Located on BLM land, the Evans Creek Landslide supplied much of the 10,000 T [9,000,000 kg] of sediment measured during the January 2004 turbidity event (Sobieszczyk and others, 2007). The landslide has continued to move and supply a large amount of sediment into Evans Creek and the Little North Santiam River through the winter of 2009–2010 (see "Evans Creek Landslide" in Results section). Remediation

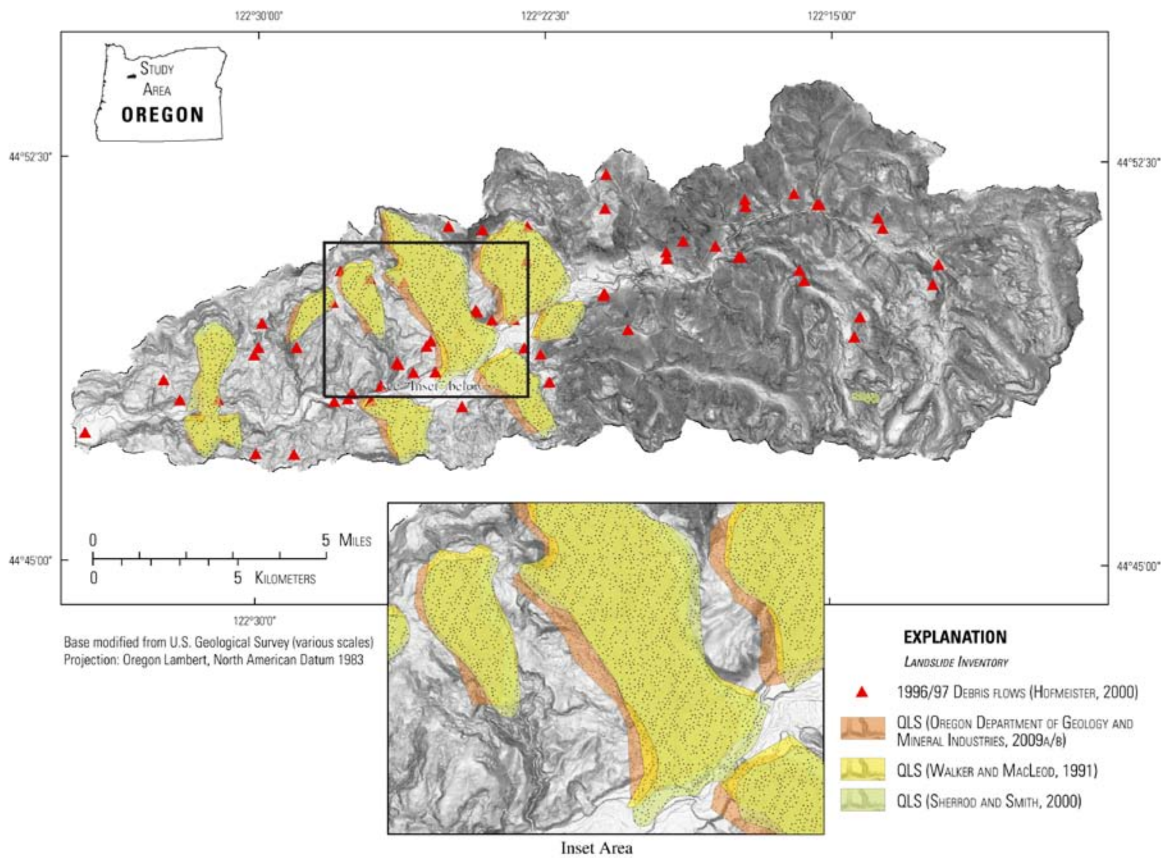



Figure 8. Previous landslide inventories completed for the Little North Santiam River Basin, Oregon (Walker and McLeod, 1991; Sherrod and Smith, 2000; Hofmeister, 2000; Oregon Department of Geology and Mineral Industries, 2009a; Oregon Department of Geology and Mineral Industries, 2009b).

work was completed by the BLM in 2009 in an attempt to stabilize the slope and reduce erosion from the landslide surface (Patrick Hawe, Bureau of Land Management, written commun., 2009).

The Evans Creek Landslide flows into Evans Creek and has its toe continuously incised by the high gradient stream (Figure 9A). Surface fractures, sag ponds, bent “pistol-butt” trees, and downed timber (Figure 9B; Figure 9C) all indicate movement of the earth flow. A centralized, scoured debris flow channel atop the landslide transports eroded material as turbid “wash” regardless of season or rainfall conditions (Figure 9D).

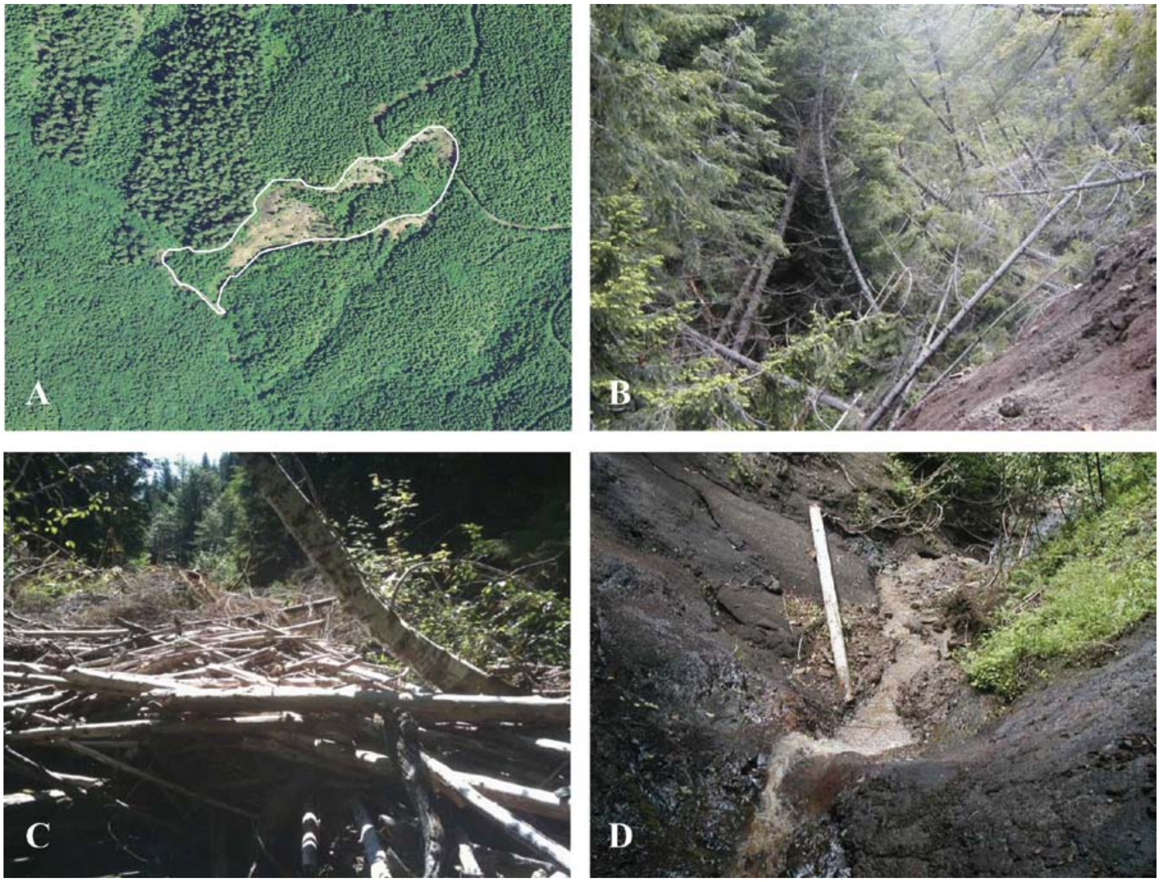



Figure 9. Photographs from the Evans Creek Landslide: A) aerial view of landslide deposit, B) Slope movement and pistol-butt trees, C) downed trees at toe of landslide along Evans Creek, and D) turbid water flowing across face of landslide (Photos: A, Oregon Geospatial Enterprise Office, 2010; B, C, D: Steven Sobieszczyk, U.S. Geological Survey, various dates).

Landslide activity and slope stability concerns also affect transportation in the basin. The greatest concern relates to a road failure of the North Fork Road near Mile Post 4 (Figure 10). Termed the “Bear Trap Slide” (GeoDesign, 2009), the earth flow continues to move and damage the roadway. The failure is part of a much larger landslide complex, one that has previously damaged parts of the road a few hundred feet west of the current damage (Landslide Technology, 1997). Marion County Public Works is currently working on a long-term solution to the Bear Trap Slide road failure.


Figure 10. Road damage near Mile Post 4 on North Fork Road caused by Bear Trap Slide (Photos: Anthony Bartuff, Portland State University, 2007; and Steven Sobieszczyk, Portland State University, 2010).

# Chapter 4. Review of Literature

## 4.1: North Santiam River Basin Suspended Sediment and Turbidity Study

Following the flood of 1996, the City of Salem joined into a cooperative agreement with the USGS to establish a near real-time streamflow and water-quality monitoring network for the North Santiam River Basin. Beginning in 1998, the USGS began to "investigate the sources and dynamics of suspended sediment in the North Santiam River" (Uhrich and Bragg, 2003). By 2009, 11 different monitoring stations had been established across the basin, although not all sites were operational over the same period (*http://or.water.usgs.gov/santiam*). Included in the monitoring network were three stations located along the Little North Santiam River (Table 4). Two of these monitors, Stations 14182500 and 14181900, were still operational during the winter of 2009–2010 and are referenced later in this report as Station 1 and Station 4, respectively.

Table 4. Historic streamflow-gaging and water-quality monitoring stations, Little North Santiam River Basin, Oregon.

| Station Reference | USGS Station No. | Period of record (water year) | Water-quality parameter | | | | |
|---|---|---|---|---|---|---|---|
| | | | Water temperature | Specific conductance | pH | Turbidity | Dissolved oxygen |
| Little North Santiam River near Mehama, Oregon | 14182500 | 2001 - present | X | X | X | X | X |
| Little North Santiam River above Evans Creek at Elkhorn, Oregon | 14181900 | 2008 - 2010 | X | X | X | X | X |
| Little North Santiam River below Canyon Creek near Mehama, Oregon | 14182400 | 2008 | X | X | X | X | X |

The USGS suspended sediment and turbidity study changed focus in December 2009 to investigate other aspects of water quality besides turbidity, primarily algae and nutrients. Research presented in this study concludes the final sediment-related component of the near 10-year turbidity study (1998–2009). Findings from the USGS study showed that isolated events, such as road failures and debris flows (Bragg and others, 2007; Sobieszczyk and others, 2007; Sobieszczyk and others 2008), are responsible for the largest spikes in turbidity observed in the basin; that only 14% of sediment from the North Santiam River Basin above Detroit Lake passes Detroit and Big Cliff Dams (Bragg and Uhrich, 2010); that nearly 70% of sediment that passes the drinking water treatment plant originates in the Little North Santiam River Basin (Bragg and Uhrich, 2010); and that winter storms during November, December, and January account for 80% of the sediment transported in the North Santiam River Basin (Uhrich and Bragg, 2003; Bragg and others, 2007; Bragg and Uhrich, 2010).

### 4.2: Similar Research in the Pacific Northwest and Elsewhere

Since this study not only examines turbidity and suspended-sediment loads, but also sediment contribution from landscape features, such as landslides, previous studies that investigated the interrelation or correlation among landslides, hydrology, land-use practices, and road construction were also reviewed. Included in this literature review are studies that addressed: how road development and timber harvesting influence erosion (Fredriksen, 1971; Mersereau and Dyrness, 1972; Swanston and Swanson, 1976; Grant and Wolff, 1991); how roads and timber harvesting affect slope stability (Morrison, 1975; Swanson and Dyrness, 1975; Swanston, 1981; Hicks, 1982; Jakob, 2000; Sidle, 2005; Bathurst and others, 2009); how land use practices affect sediment transport (Swanston and Swanson, 1976; Nolan and Janda, 1981; Amaranthus and others, 1985); and how landslides contribute to suspended sediment in streams (Swanson and others, 1987;

Burton and Bathurst, 1998; Ambers, 2001; Pearch, 2001; Korup and others, 2004; Sobieszczyk and others, 2007).

In order to put these previous studies in context with this study, first the term “sediment source” must be defined. A sediment source area refers to “any location or activity that retains, distributes, or generates sediment and has sufficient likelihood of releasing sediment into a stream or river” (Economic and Engineering Services and HDR Engineering, 2003). This means any natural landscape feature, such as a landslide, or anthropogenic landscape activity, including timber harvesting and road building, which promotes or contributes sediment to a river or stream may be considered a potential sediment source.

Historically, dominant sediment sources in the Western Cascades include debris flows, earth flows, and rotational earth slumps, as well as surface erosion caused by gully incision or stream bank erosion (Russell, 1994). Fredriksen (1971) and Sobieszczyk and others (2007) suggest that active earth flows contribute between 60% and 90% of suspended sediment observed in some Western Cascade streams, while other erosion processes, such as bank erosion, supply less than 3% of the load (Pearch, 2001). Sediment production from landslides can be further augmented based on the type of land-use activity atop the landscape feature. Field investigations into steep forested terrains around the world show that erosion rates increase 2x to 10x within the first 3 to 15 years after an area has been recently clearcut (Wu and Sidle, 1995, Jakob, 2000; Sidle, 2005). Erosion rates are even higher (Table 5) for areas with active road building, with some studies in the Western Cascades showing erosion rates 50x to 300x higher than that of naturally-forested landscapes (Swanson and Dyrness, 1975; Hicks, 1982; Morrison, 1975).

Table 5. Landslide frequencies, volumes, and erosion rates estimated in other similar Cascades studies (modified from Amaranthus and others, 1985).

[**Abbreviations:** $yd^3$, cubic yards; $m^3$, cubic meters; ac, acre; $km^2$, square kilometers; yr, year; na, no data available]

| Environment | Study Length (yr) | Average slide volume ($yd^3$) [$m^3$] | Erosion Rate Volume ($yd^3$/ac-yr) [$m^3/km^2$*yr] | Source |
|---|---|---|---|---|
| **Natural Forest** | | | | |
| **Cascades** | 25 | 1,908 [1,468] | 0.19 [36] | Swanson and Dyrness (1975) |
| **Cascades** | 15 | 2,601 [2,001] | 0.24 [46] | Morrison (1975) |
| **Middle Santiam** | 26 | na | 0.05 [9.3] | Hicks (1982) |
| **Harvest/Clearcut** | | | | |
| **Cascades** | 25 | 1,751 [1,347] | 0.70 [133] | Swanson and Dyrness (1975) |
| **Cascades** | 15 | 575 [442] | 0.62 [118] | Morrison (1975) |
| **Middle Santiam** | 26 | na | 0.17 [31.9] | Hicks (1982) |
| **Cascades** | na | na | 0.25 [48] | Elliot (2006) |
| **Roads** | | | | |
| **Cascades** | 25 | 1,804 [1,388] | 9.36 [1,780] | Swanson and Dyrness (1975) |
| **Cascades** | 15 | 2,444 [1,880] | 82.53 [15,690] | Morrison (1975) |
| **Middle Santiam** | 26 | na | 4.69 [886] | Hicks (1982) |

In addition to sediment production from the natural landscape, anthropogenic activities, such as timber harvesting, road building, mineral extraction, farming, and industrial, urban, and residential development all increase the amount of sediment transported to streams during large storms (U.S. General Accounting Office, 1998). The most abundant of these activities in the Little North Santiam River Basin is probably timber harvesting (logging). Not only does logging contribute to suspended sediment in streams (Nolan and Janda, 1981), it also increases erosion rates up to 4x more (Grant and Wolff, 1991), and increases landslide movement rates 2x to 4x faster than prior to clearcutting (Swanston, 1981). The combination of clearcutting with intense rainfall, steep slopes, and vulnerable lithologies greatly accelerates mass wasting; therefore, increasing the amount of sediment input into streams and greatly altering the channel morphology and instream water quality (Sidle, 2005).

In addition to logging, the amount of road development and even the road network, itself, supply sediment to streams. Roads are important because they affect slope stability (Sidle and others, 1985) and increase runoff by expanding the surface flow network of a basin (Wemple and others, 1996). Roads affect hillslope stability by: 1) changing the flow characteristics and drainage of a slope; 2) concentrating water onto unstable areas; 3) undercutting slopes; 4) actively transporting sediment; and 5) possibly overburdening susceptible surfaces with fill (Sidle and others, 1985; Sidle, 2005). Previous studies (O'Loughlin and Pearce, 1976; Gray and Megahan, 1981; Amaranthus and others, 1985; Allison and others, 2004; Sidle, 2005) indicate that roads are up to 100x more likely to initiate landslides on hillslopes than undisturbed forested terrain (Table 5). Lastly, a review of other watershed assessments indicate that up to 90% of sediment produced in a basin can originate from road–stream crossings (Gregersen and others, 2007).

## Chapter 5. Methods

The methods used for this study focus on Geographic Information System (GIS) data set acquisition and processing, instream turbidity monitoring, streamflow estimation, and suspended-sediment load calculations. Methods presented here are used to characterize the basin morphology and relate how landscape features contribute sediment to streams in the Little North Santiam River Basin.

### 5.1: LiDAR Mapping and Other Digital Data Processing

Airborne-based LiDAR data for the Little North Santiam River Basin were collected as part of the 2008 Oregon LiDAR Consortium (OLC) Willamette Valley Phase I Acquisition. Information about data collection, processing, and quality-assurance of the LiDAR data are available through the DOGAMI OLC website (*http://www.oregongeology.org/sub/projects/olc/default.htm*). LiDAR data within the Little North Santiam River Basin boundary were collected between September 17, 2008, and July 1, 2009, with final deliverables received in December 2009. LiDAR deliverables included: 3 foot (ft)-resolution [1 meter (m)] bare earth digital elevation model (DEM) rasters; 3 ft-resolution [1 m] highest hit (first return) DEM rasters; point cloud LAS files; intensity rasters; plus, associated reports and metadata. Horizontal accuracy for the LiDAR data set was ±1 ft [0.3 m], while vertical accuracy was ±6 in [15 cm].

### 5.1.1: Landslide Inventory

#### 5.1.1.a: Landslide Delineation

High-resolution LiDAR data were used as background imagery to aid in mapping landslide deposits, scarp flanks, and internal scarps across the Little North Santiam River Basin. Digital data sets produced, including the slopeshaded-DEM and landslide inventory geodatabase, were processed using ESRI ArcGIS 9.3 software. The landslide mapping protocol used for this study was based on standards presented in DOGAMI's Special Paper 42 (Burns and Madin, 2009). To briefly summarize, landslide deposits were viewed at 1:10,000 scale and mapped at a 1:4,000 scale, with a minimum mapping unit size of 0.5 acres [2,000 square meters ($m^2$)]. Landslide features outside the Little North Santiam River Basin boundary were clipped to the basin extent. Landslide features visible in LiDAR-derived imagery, such as arcuate scarps, hummocky terrain, sag ponds, terraces, or offset drainage, were all used to help identify landslide boundaries (Dikau and others, 1996). In addition, 2009 aerial photographs (Oregon Geospatial Enterprise Office, 2010) were used to aid in mapping questionable features, such as debris flow deposits, disturbed vegetative change (alder versus evergreen), and indiscernible anthropogenic features. Identification guidelines for mapping denuded slopes and creep–flow movement were influenced by previous LiDAR-based landslide inventory studies (Madin and Burns, 2006; Schulz, 2007). Figure 11 shows an example of how both aerial photographs and LiDAR imagery were used for mapping head scarp and landslide deposits. Where possible, landslides were field verified.

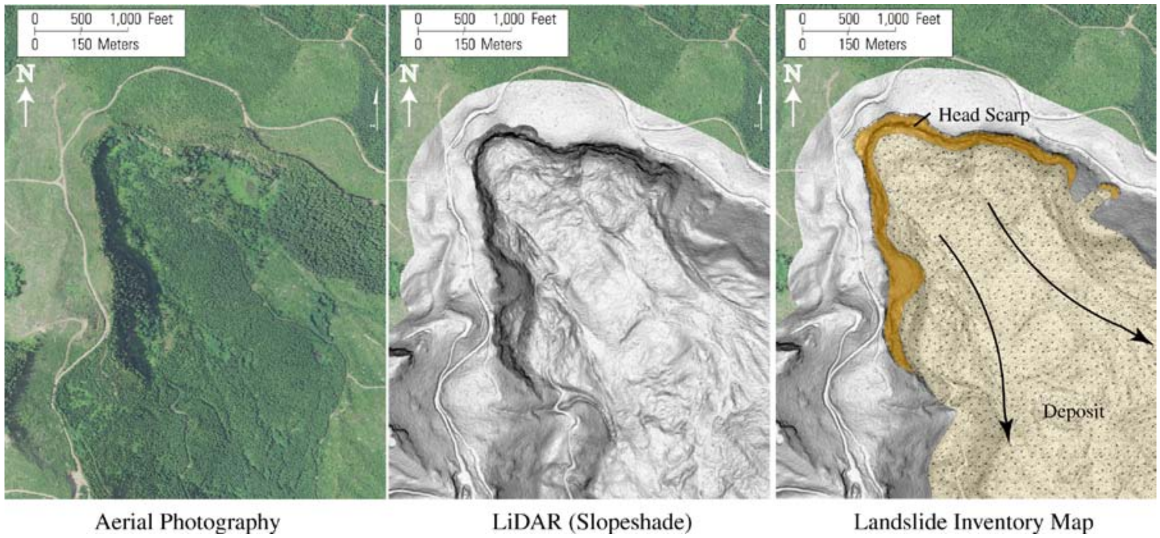



Figure 11. Landslide delineation based on aerial photographs and LiDAR mapping techniques (Burns and Madin, 2009). Landslide inventory included: landslide deposits (polygon), landslide head scarp (polygon), internal scarps (line), and photographs from site visits (points).

### 5.1.1.b: Landslide Classification

Landslide classification, as presented in Special Paper 42 (Burns and Madin, 2009), followed the naming conventions first presented by Varnes (1978) and later revised by Cruden and Varnes (1996) and summarized in Highland (2004). Landslide descriptions were classified based on both the type of movement and the type of failed material (Table 6). Slope failures were characterized as complex landslides when: 1) multiple, different landslide types were nested within one feature (Figure 12); or 2) where broad expanses of hillsides were denuded, hummocky, or apparently flowing (Figure 13). These expansive, complex slope failures were formed by erosion and mass wasting along rivers, yet lacked easily discernable deposits similar to those of individual landslides (Figure 13). Also, due to their size and location, complex landslides likely had material removed or modified by anthropogenic or natural processes (Schulz, 2007).

Table 6. Landslide classification based on type of movement and type of material (modified from Varnes, 1978).

| TYPE OF MOVEMENT | | TYPE OF MATERIAL | | |
|---|---|---|---|---|
| | | BEDROCK | ENGINEERING SOILS | |
| | | | Predominantly coarse | Predominantly fine |
| FALLS | | Rock fall | Debris fall | Earth fall |
| TOPPLES | | Rock topple | Debris topple | Earth topple |
| SLIDES | ROTATIONAL | Rock slump | Debris slump | Earth slump |
| | TRANSLATIONAL | Rock slide | Debris slide | Earth slide |
| LATERAL SPREADS | | Rock spread | Debris spread | Earth spread |
| FLOWS | | Rock flow (deep creep) | Debris flow (soil creep) | Earth flow (soil creep) |
| COMPLEX | | Combination of two or more principal types of movement | | |

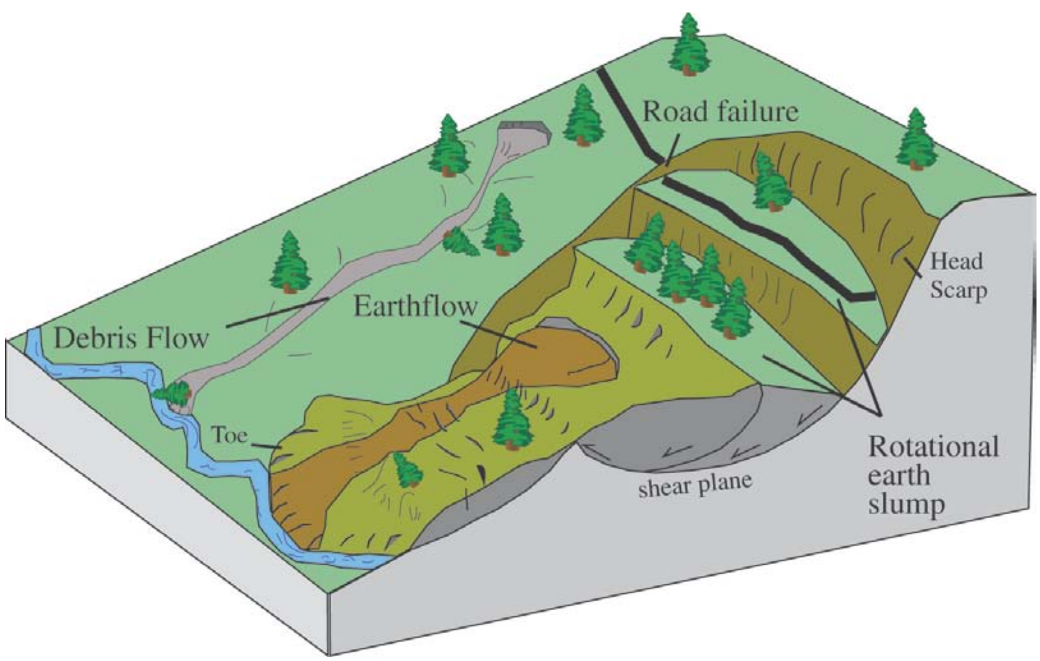



Figure 12. Illustration of landslide complex, including: earth slump, debris flow, and earth flow (modified Cruden and Varnes, 1996).

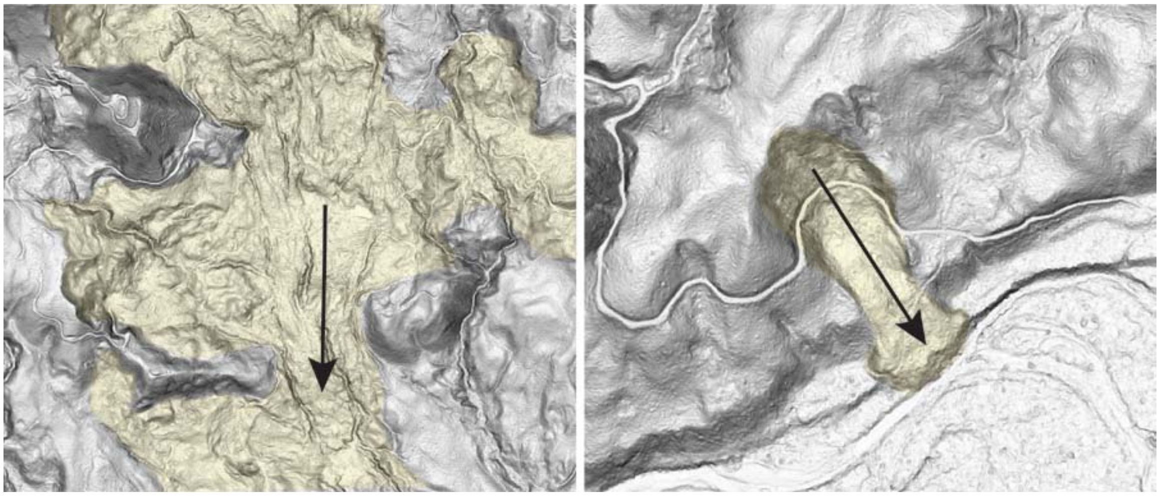


Figure 13. Comparison between complex landslide (left) and earth flow (right).

**5.1.1.c: Field Verification of Mapped Landslide Deposits**

The landslide inventory received limited field verification. Due to time and access constraints, only 28 of the 401 mapped landslides were visited (Appendix A.2: Landslide Inventory). Photographs were taken at each of the field-checked locations and are included in the landslide inventory geodatabase (Appendix B.1: Landslide Inventory). No field measurements or calculations were completed onsite; all information presented in this report was derived from the LiDAR-derived data sets only. The final landslide inventory for this study was quality-assurance reviewed by both the USGS and DOGAMI.

**5.1.1.d: Landslide Movement Rate Analysis for the Evans Creek Landslide**

Due to significant sediment contribution from the Evans Creek Landslide (see “Evans Creek Landslide” in Results section), additional landslide movement analyses were completed for this particular earth flow. Historical aerial photographs obtained from the University of Oregon Aerial Photography Research Service (University of Oregon Library, written commun., 2010) and BLM (Patrick Hawe, Bureau of Land Management, written commun., 2010) for 1945, 1955, 1962, 1970, 1977, and 1988 were combined with recent digital orthophotographs from 1995, 2000, 2005, and 2009 (Oregon Geospatial Enterprise Office, 2010) to determine landslide movement rates over time.

Since the historic aerial photographs were not referenced to a spatial coordinate system, they were georectified using the ESRI ArcGIS 9.3 Georeference tool. Georectification error varied for each photograph, improving from ±100 ft [30 m] in 1945 to about ±30 ft [9 m] in 1988. The uncertainty for rectification was due to a lack of identifiable reference features, such as roads, buildings, bedrock outcrops, or even isolated trees in some of the photographs. A substantial change in vegetative cover following clearcutting prior to the 1962 photograph further reduced visual reference points between 1945, 1955, and 1962. After 1962 roads and other recognizable features were built, making rectification easier and more accurate. Recent orthophotographs were already georeferenced and no further action was required. Once the series of photographs were projected into the same reference frame, changes to landslide morphology were assessed. Where possible, three to five identical objects (trees, rocks, or roads) were identified in each photograph and measured for distance displaced. The mean distance moved for each of the objects was then divided by the time period between photographs to determine relative movement rate of the landslide. This movement rate only applies to the observed surface movement of the landslide. It does not equate to the rate of sediment input into Evans Creek.

### 5.1.2: Timber Harvest Change (1995-2009)

Along with mapped landslide deposits, another element inventoried for this study was recent timber harvest change. As mentioned earlier, studies have shown a strong correlation between logging with slope instability and increased erosion (Morrison, 1975; Swanson and Dyrness, 1975; Swanston, 1981; Hicks, 1982; Amaranthus and others, 1985; Grant and Wolff, 1991; DeRoo and others, 1998; Elliot, 2006). This relation exists because forest vegetation improves slope stability by controlling soil moisture through evapotranspiration and root cohesion (Sidle, 2005). This cohesion and vegetative cover also protects against soil erosion. Therefore, this timber harvest inventory was created for use as a comparative analysis tool between land management practices, landslide activity, and suspended-sediment transport.

#### 5.1.2.a: Aerial Photographic Interpretation of Timber Harvests

Since a considerable amount of research in the Little North Santiam River Basin began after the 1996 flood, any changes to the landscape during that event, or the years after, is essential for understanding the development of the landscape. This type of chronological analysis is especially useful for comparing concurrent projects. For example, any logging completed between 2000 and 2009 corresponded to a similar time period as the USGS continuous water-quality monitoring in the Little North Santiam River; therefore, any sediment input resulting from the logging may be evident in changes in turbidity and suspended-sediment load.

Timber harvesting in the basin was inventoried for four separate time periods (Figure 14), including prior to 1995, between 1995 and 2000, between 2000 and 2005, and between 2005 and 2009 (Oregon Geospatial Enterprise Office, 2010). Similar to the mapping protocol used in the landslide inventory, logging features were initially viewed at a 1:10,000 scale but mapped at a 1:4,000 scale. Timber plots where trees were harvested or removed were digitized and identified as clearcut, thinned, or developed (replaced with homes, campgrounds, or other infrastructure) depending on what type of land use occurred after the trees were removed. Naturally barren areas, such as rock outcrops and landslide deposits, were not included in the inventory. It is worth noting that the 1995 imagery was used solely to establish a baseline from which to map recent change; no mapped features representing the 1995 period, or earlier, were included in the final analyses.

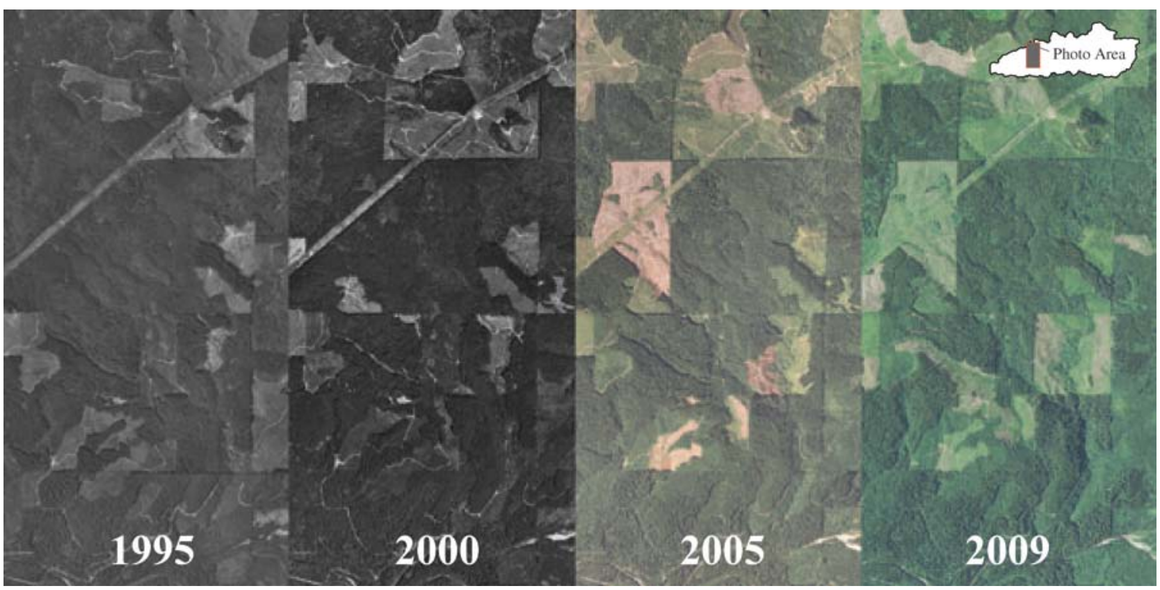



Figure 14. Example of landscape change due to timber harvesting in the Little North Santiam River Basin, Oregon, from 1995 through 2009 (Oregon Geospatial Enterprise Office, 2010).

**5.1.2.b: LiDAR Rectification Techniques**

Although the aerial photographs were georeferenced, there were still inherent geometric distortions present in the imagery, especially in the 1995 and 2000 photographs. Therefore, the aerial photographic interpretation exhibited a certain amount of acquisition and rectification error, such as the relief displacement was not corrected. To improve the quality of the timber harvest change data set and reduce displacement error caused by geometric distortions, the final inventory was compared to the higher-resolution LiDAR-derived imagery. The 3 ft-resolution [1 m] LiDAR data (±1 ft [0.3 m] horizontal error) were more accurate than the georectified aerial photographs (±18 to ±23 ft [±5 to ±7 m] error; U.S. Geological Survey, 2002; U.S. Department of Agriculture, 2010), therefore, it was used to improve the accuracy of the photographic-derived data.

Using differential analysis (subtract highest hit DEM raster from bare earth DEM raster), tree canopy heights were shown for the entire Little North Santiam River Basin. Tree stands of equal age and height, as well as recently clearcut or barren areas, were easily visible in the differential raster. The final timber harvest inventory was superimposed over the differential DEM and boundaries were modified to match those represented by the differential raster. This adjustment of the timber harvest change data set allowed the inventory to match the detail and projection accuracy of the LiDAR-derived landslide inventory.

### 5.1.3: Hydrography (Rivers, Streams, and Gullies)

Another digital data set derived from the LiDAR-based imagery was the hydrography of the Little North Santiam River Basin. The hydrography, or river network, was mapped manually and compared against previous hydrographic data sets (U.S. Geological Survey, 1999; Horizon Systems Corporation, 2005), USGS topographic maps (U.S. Geological Survey, 2010), and other Oregon maps (Oregon Atlas & Gazetteer, 2004) to verify stream names and locations. Due to the detail of the LiDAR-derived imagery, digitization of the rivers, streams, and gullies were completed manually rather than by automated methods, which would have produced questionable results. This type of mapping allowed for a cleaner product of equal or higher quality than the computer generated stream network. Similar to both the landslide and timber harvest inventories, features were located at a 1:10,000 scale and digitized at a 1:4,000.

## 5.2: Continuous Turbidity Monitoring

### 5.2.1: Site Selection and Installation of Monitoring Equipment

Prior to this study, the USGS had been actively monitoring turbidity in the Little North Santiam River at two locations (Table 4), the USGS streamflow-gaging station “Little North Santiam River near Mehama, Oregon (14182500),” and the “Little North Santiam River above Evans Creek at Elkhorn, Oregon (14181900).” Turbidity and suspended-sediment loads from those two locations had been used previously to help quantify sediment transport in the upper and lower parts of basin (Mark Uhrich, U.S. Geological Survey, oral commun., 2008). However, due to a large disparity in measured turbidity between the sites, for this study it was decided that additional monitoring was needed in the lower basin to help isolate potential sediment source areas between the previously established stations. Three temporary turbidity monitors were installed in the basin. Two of the turbidity monitors (Station 2 and Station 3) were placed roughly equidistant between the two preexisting stations in the Little North Santiam River, while the third monitor (Station 5) was placed at the mouth of Evans Creek (Figure 1). The new locations were chosen based on: 1) ease of access; 2) safety from theft or vandalism; and 3) likelihood for secure positioning during extreme flows. The lowest downstream monitor on the Little North Santiam River was installed at the BLM Elkhorn Valley Campground (Figure 15). The second mainstem monitor required additional scouting and communication with local residents. Eventually, a suitable location was found near the Elkhorn Valley Golf Course at a private residence (Figure 15). The turbidity monitor at Evans Creek was installed on the upstream side of the Evans Creek Bridge along North Fork Road (Figure 16). The turbidity monitors were installed in late-November 2009 and were operated at Station 2 and 3 into early-March 2010 and at Evans Creek until early-June 2010. Table 7 lists the final stations for the Little North Santiam River monitoring network deployed during this study for the winter 2009–2010.

Table 7. Turbidity monitoring stations in the Little North Santiam River Basin, Oregon, winter 2009–2010

[**Abbreviations:** mi$^2$, square miles; km$^2$, square kilometers]

| Station No. | Station Reference | USGS Station No. | Drainage Area (mi2) [km2] |
|---|---|---|---|
| 1 | Little North Santiam River near Mehama, Oregon | 14182500 | 111 [287] |
| 2 | Little North Santaim River at Elkhorn Valley Campground, Oregon | 444802122271400 | 92 [238] |
| 3 | Little North Santiam River below Elkhorn Creek, Elkhorn Valley, Oregon | 444827122242700 | 76 [197] |
| 4 | Little North Santiam River above Evans Creek at Elkhorn, Oregon | 14181900 | 52 [135] |
| 5 | Evans Creek at Elkhorn, Oregon | 14182000 | 3.4 [8.8] |


Figure 15. Streamside locations of temporary turbidity monitoring stations on the Little North Santiam River: Station 2 at Elkhorn Valley Campground and Station 3 at private residence below Elkhorn Creek (Photos: Steven Sobieszczyk, Portland State University, 2010).


Figure 16. Streamside location of Evans Creek turbidity monitor [Station 5] (Photos: Steven Sobieszczyk, Portland State University, 2010).

### 5.2.2: Data Collection and Calibration of Field Instrumentation

YSI multiparameter 6920 datasondes with 6026 turbidity probes that were encased in a segment of PVC pipe and weighted with roughly five pounds (lbs) of linked chain were used at Stations 2 and 3 (Figure 17). Due to a higher risk of damage, a PVC pipe mounting was used at Evans Creek rather than a weighted pipe segment (Figure 16). Turbidity readings, in FNU, were recorded every 30 minutes. To ensure data quality, sites were visited every four weeks for calibration and data download. Data collection and final records were processed according to USGS water-quality record protocols (Wagner and others, 2006). The official period of record for the winter 2009–2010 monitoring was December 1, 2009 through February 28, 2010.


Figure 17. YSI 6920 datasonde with 6026 turbidity probe and deployment casing for temporary monitoring stations along the Little North Santiam River Basin, Oregon (Photos: Steven Sobieszczyk, Portland State University, 2009).

## 5.3: Methods Used for Data Processing

### 5.3.1: Streamflow Estimates for Monitoring Locations

#### 5.3.1.a: Estimating Streamflow Based on Drainage Area

Continuous streamflow data was required to estimate suspended-sediment loads for each station. Continuous streamflow values were only available for the two previously established stations (Station 1 and 4, respectively); therefore, streamflow needed to be estimated for Stations 2 and 3. Streamflow can be estimated at unknown locations using a drainage-area ratio combined with streamflow measurements from a nearby known station (Emerson and others, 2005). The equation used to estimate streamflow is:

$$\boldsymbol{Q_x = \left(\frac{A_x}{A}\right) * \, Q} \qquad \textbf{(EQUATION 1)}$$

where $Q_x$ is the estimated streamflow (cubic feet per second; $ft^3/s$) for the unknown station; $A_x$ is area ($mi^2$) upstream of the unknown station; A is the area ($mi^2$) upstream of a nearby known streamflow-gaging station; and Q is streamflow ($ft^3/s$) from nearby known streamflow-gaging station. This equation was modified for use with two known gaging stations along a single river, one station located upstream and one located downstream of unknown station, by altering it as follows:

$$\boldsymbol{Q_x = \left[\left(\frac{A_a - A_x}{A_a - A_b}\right) * (Q_a - Q_b)\right] + Q_b} \qquad \textbf{(EQUATION 2)}$$

where $Q_x$ is the estimated streamflow ($ft^3/s$) for the unknown station; $A_x$ is area ($mi^2$) upstream of the unknown station; $Q_a$ is streamflow ($ft^3/s$) at downstream station (Station 1); $A_a$ is area ($mi^2$) upstream of downstream station (Station 1); $Q_b$ is streamflow ($ft^3/s$) at upstream station (Station 4); and $A_b$ is area ($mi^2$) at upstream station (Station 4). For this method the known streamflow from the upstream station (Station 4) is removed, and then streamflow is estimated for the unknown station before the subtracted upstream streamflow is reincorporated. This method eliminates overestimation of streamflow at the unknown station while retaining known upstream conditions. This is not the first time that the drainage area equation has been modified to improve streamflow estimates. Other studies have altered the equation to estimate low-flow statistics in rivers and streams (Ries and Friesz, 2000) and to estimate streamflow at a known gaging station that had missing continuous stage data (Rantz and others, 1982).

The modified streamflow estimation technique was tested and verified by using 12 months (October 2007 to September 2008) of known streamflow data measured at the former USGS streamflow-gaging station “Little North Santiam River below Canyon

Creek near Mehama, Oregon (14182400)" (Figure 18). Streamflow data estimated using equation 2 was within 5% of actual measured streamflow at the station. Using the original Equation 1 underestimated the streamflow by over 10% (Figure 18).

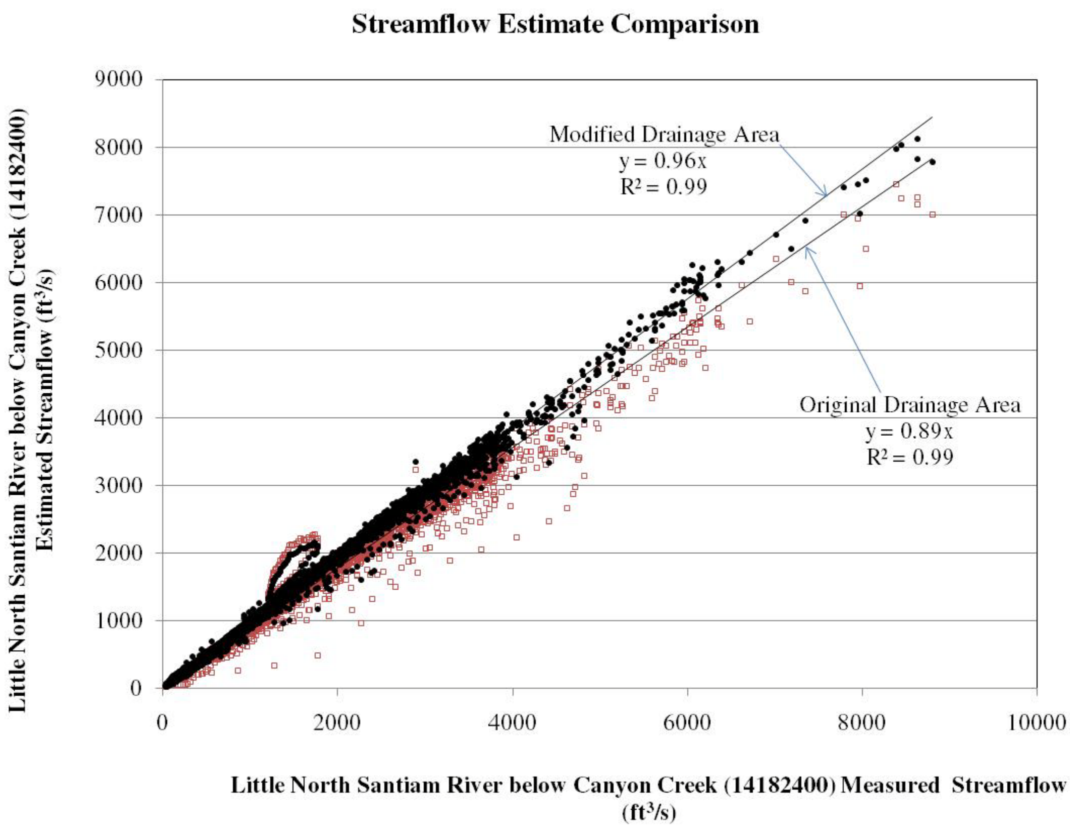



Figure 18. Streamflow comparison between known streamflow and estimated streamflow for USGS stream-gaging station Little North Santiam River below Canyon Creek near Mehama, Oregon (14182400).

### 5.3.1.b: Estimating Streamflow Based on Discharge Measurements

In some instances continuous streamflow data is not available upstream or downstream of the desired unknown location. For these cases streamflow can be estimated from discharge measurements that are collected onsite. Using a regression model (Figure 19), discrete discharge measurements (Station 5) can be compared with known streamflow from a nearby station (Station 4). If the two stations share a strong correlation, the continuous streamflow from the nearby station can then be used as a surrogate to estimate streamflow at the unknown station. This method is similar to the approach commonly used by the USGS to estimate streamflow for periods of missing data within an established streamflow record (Rantz and others, 1982).

For the Evans Creek station (Station 5) six discharge measurements (n=6) were collected between November 2009 and April 2010 and compared against streamflow readings recorded at the same time at Station 4 (Figure 19). This regression model and associated equation were then used to estimate streamflow for Station 5.

$$\boldsymbol{Q_x = 0.07 * Q^{0.94}} \qquad \textbf{(EQUATION 3)}$$

where $Q_x$ is the estimated streamflow ($ft^3/s$) for the unknown station (Station 5); and Q is the continuous streamflow ($ft^3/s$) at a nearby known station (Station 4).

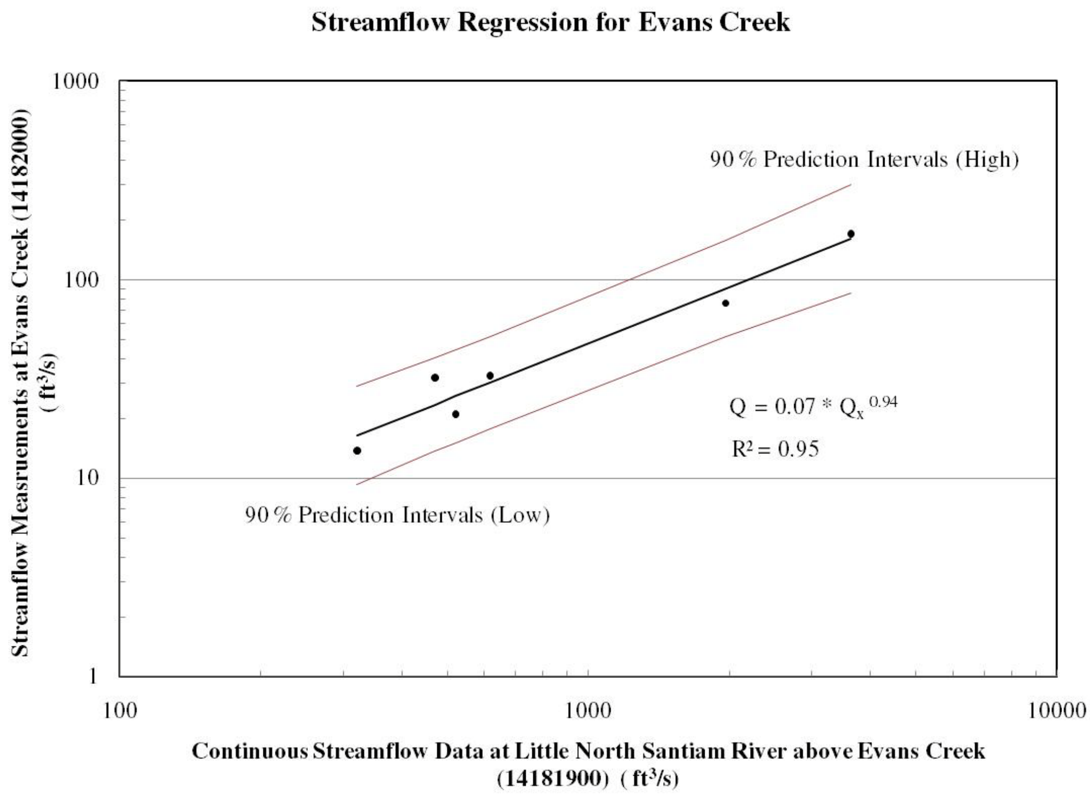



Figure 19. Regression model representing the relation of discharge measurements at Evans Creek (Station 5) and continuous streamflow data at Little North Santiam River above Evans Creek (Station 4), winter 2009–2010.

### 5.3.2: Estimating Suspended-Sediment Loads

### 5.3.2.a: Little North Santiam River (Stations 1 through 4)

Suspended-sediment load calculations for this study are based on methods developed by the USGS and used previously in the North Santiam River Basin (Uhrich and Bragg, 2003; Bragg and others, 2007; Bragg and Uhrich, 2010). Using a regression equation that relates instream turbidity to sampled suspended-sediment concentrations (Figure 20), continuous turbidity measurements can be used to estimate continuous suspended-sediment loads. These concentrations are multiplied by continuous streamflow data to estimate suspended-sediment loads (Equation 4).

Starting in 2001, the USGS collected nearly 10 years of monitoring data and 131 suspended-sediment samples (n=131) at Station 1 (Appendix A.1: Suspended-Sediment Samples at Station 1 near Mouth of Little North Santiam River). The correlation between sediment concentration and turbidity (Figure 20) creates a regression model such that continuous instream turbidity can be used to estimate instantaneous suspended-sediment concentrations. Also, the samples collected at this location had turbidity readings between 0 and 410 FNU, well above the range of 0 to 90 FNU observed in the Little North Santiam River during this study. The regression equation established for Station 1 was applied to each of the four mainstem stations (Bragg and Uhrich, 2010):

$$\boldsymbol{SSL = (1.81 * T^{1.02}) * Q} \qquad \textbf{(EQUATION 4)}$$

where SSL is the suspended-sediment load (short tons, T) for a station; T is the turbidity (in FNU) for each station; and Q is 30-minute continuous streamflow ($ft^3/s$) data for the station.

Although a turbidity–suspended-sediment concentration regression existed for Station 4, the short period of record (from 2008 to 2010), limited number of samples collected (n=6), and a regression similar to Station 1 (Figure 20) signify that the Station 1 regression can be used for the four Little North Santiam River stations.

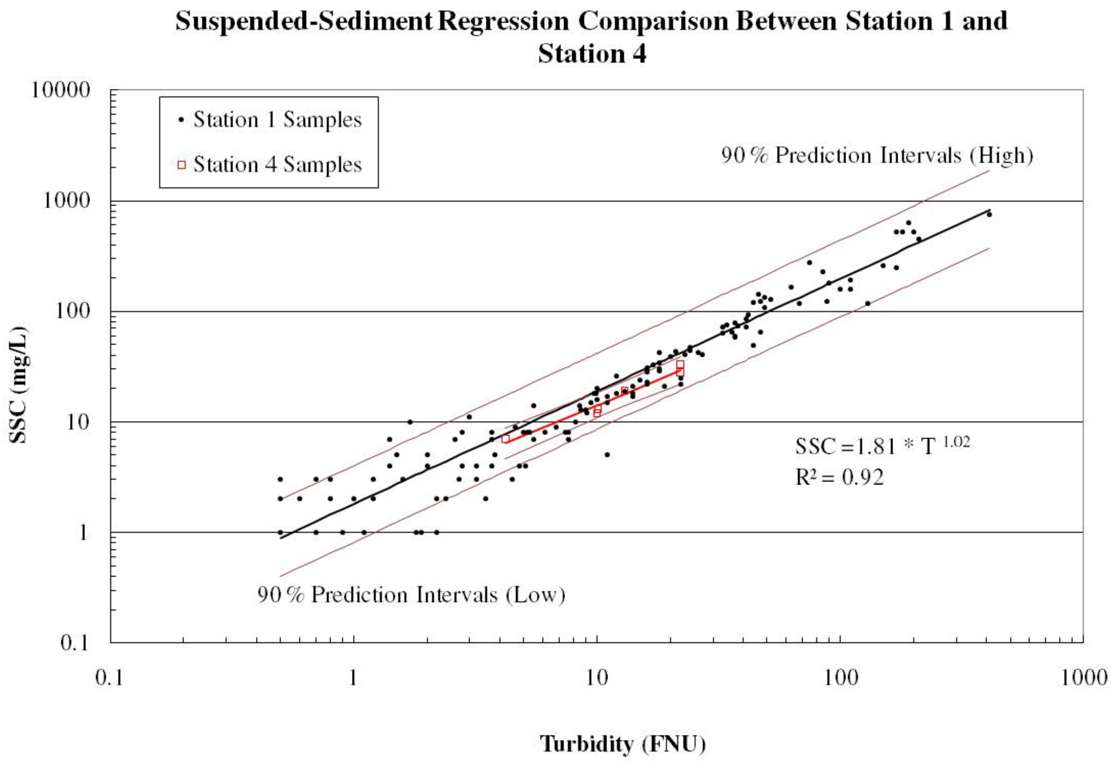



Figure 20. Regression model comparison between turbidity and suspended-sediment concentration for Little North Santiam River at Station 1 and Station 4.

### 5.3.2.b: Evans Creek (Station 5)

Since the sediment production history is different for Evans Creek compared to the mainstem stations, a new regression was created (Figure 21). Suspended-sediment load calculations for Evans Creek were based on a sample set of 13 suspended-sediment samples (n=13) collected onsite from December 2009 to April 2010. Samples had suspended-sediment concentrations that ranged between 0 and 120 FNU (Table 8). This range of turbidity values was low compared to instream turbidity monitoring (Figure 30), which increases the potential for underestimating suspended-sediment loads at high turbidities. However, with there being the data available, it was the only suitable option. The regression equation for Evans Creek is as follows:

$$\boldsymbol{SSL = (1.19 * T^{1.06}) * Q} \qquad \textbf{(EQUATION 5)}$$

where SSL is the suspended-sediment load (T) for a station; T is the turbidity (in FNU) for each station; and Q is 30-minute continuous streamflow ($ft^3/s$) data for the station. Due to the limited number of samples and the short sample history (winter 2009–2010), the error associated with this regression (Figure 21) is much greater than that of the Little North Santiam River regression.

Table 8. Suspended-sediment samples collected for Evans Creek.

[**Abbreviations**: FNU, Formazin Nephelometric Units; $ft^3/s$, cubic feet per second; $m^3/s$, cubic meters per second; SSC, suspended-sediment concentrations; mg/L, milligrams per liter; na, no data available]

| Date & Time | Sample Type | Turbidity (FNU) | Streamflow ($ft^3/s$) [$m^3/s$] | SSC (mg/L) | % Fines |
|---|---|---|---|---|---|
| 12/16/09 15:56 | Equal Width Integrated | 50 | 205 [5.8] | 78 | na |
| 12/17/09 8:59 | Equal Width Integrated | 75 | 225 [6.4] | 54 | na |
| 12/22/09 13:15 | Equal Width Integrated | 40 | 177 [5.0] | 33 | na |
| 1/16/10 14:10 | Equal Width Integrated | 99 | 70 [2.0] | 74 | na |
| 2/26/10 10:30 | Equal Width Integrated | 27 | 36 [1.0] | 26 | na |
| 3/29/10 9:36 | Equal Width Integrated | 450 | 147 [4.2] | 871 | na |
| 3/29/10 11:30 | Equal Width Integrated | 320 | 166 [4.7] | 867 | na |
| 3/30/10 12:55 | Equal Width Integrated | 140 | 164 [4.6] | 226 | 69% |
| 3/30/10 13:30 | Equal Width Integrated | 91 | 158 [4.5] | 183 | 68% |
| 4/7/10 11:19 | Equal Width Integrated | 10 | 149 [4.2] | 13 | 64% |
| 4/9/10 11:49 | Equal Width Integrated | 15 | 30 [0.8] | 23 | 79% |
| 4/9/10 12:00 | Equal Width Integrated | 15 | 30 [0.8] | 21 | 80% |
| 4/22/10 12:45 | Equal Width Integrated | 12 | 14 [0.4] | 30 | 48% |

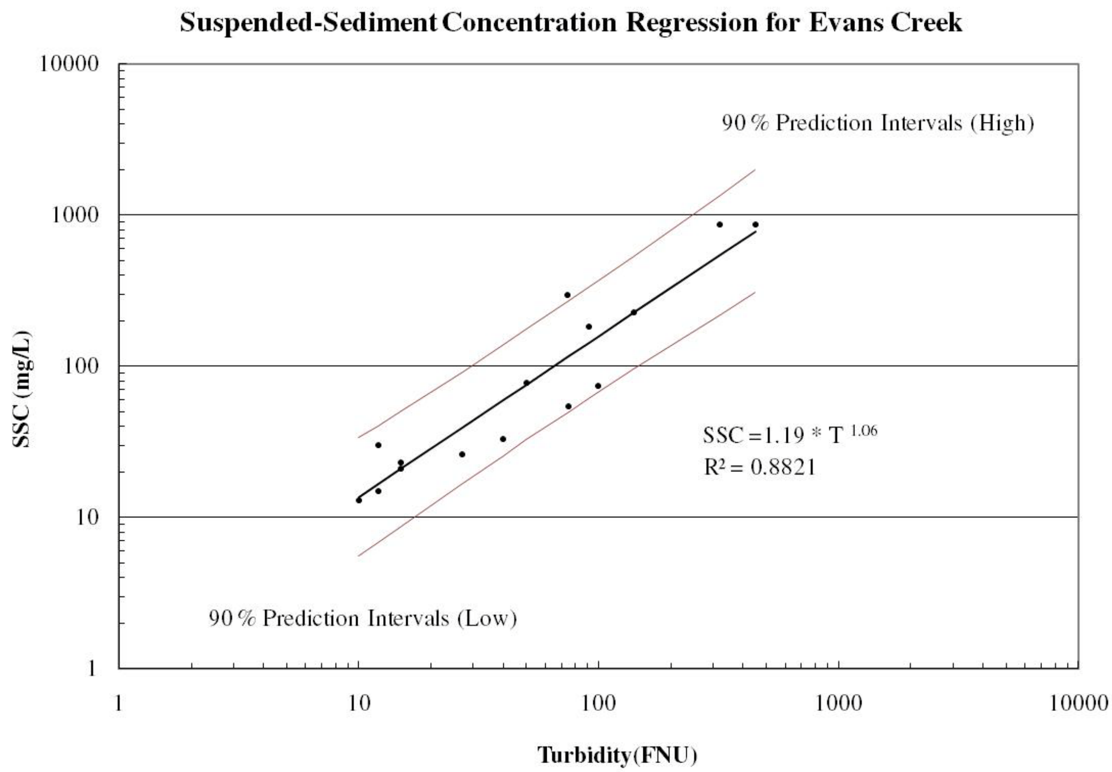



Figure 21. Regression model for the relation of turbidity and suspended-sediment concentration at Evans Creek (Station 5), winter 2009–2010.

### 5.3.3: Calculating a Sediment Delivery Ratio

One aspect of sedimentation that is often discussed in sediment transport studies is how to quantify the transport efficiency of a river since not all soil eroded from the watershed surface is carried out of the watershed (Walling, 1983). Numerous studies (U.S. Department of Agriculture, 1972; Boyce, 1975; Ferro and Minacapilli, 1995; Julien, 1995: Ouyang and Bartholic, 1997; Lu and others, 2006; Vanoni, 2006) have presented a variety of models or calculations that can be used to estimate a sediment delivery ratio for a watershed. The sediment delivery ratio should equal the percent of surface material eroded that is actually transported downstream. Or, in mathematical terms:

$$\boldsymbol{SDR = \frac{S_y}{S_e}} \qquad \textbf{(EQUATION 6)}$$

where SDR is the sediment deliver ratio (unitless value); $S_y$ is the sediment yield (short tons per square mile; T/mi$^2$); and $S_e$ is the gross erosion (T/mi$^2$) of the upstream watershed (Julien, 1995; Ouyang and Bartholic, 1997). Depending on the size of the study area and the data available, different techniques are used to determine the sediment delivery. There are three basic options: 1) the Universal Soil Loss Equation (USLE; Wischmeier and Smith, 1978); 2) empirical modeling; or 3) single parameter-derived equations. The USLE is the most popular method for estimating erosion and has been "modified" (MUSLE; Williams, 1975) and "revised" (RUSLE; Renard and others, 1997) to improve its functionality. It was originally designed for flat, uniform, agricultural regions and does not necessarily perform as well on steep, forested terrains (as tested in this study).

Other complex models (GeoWEPP; Renschler, 2008; SHETRAN; Ewen and others, 2000) simulate expected erosion and sediment production based on various processes that control sediment delivery, including rainfall, soil erodibility factor (k-factor), slope-length factor, land cover and land use, erosion-control practice factor, and stream incision (slope-steepness factor). However, these models require a variety of input parameters based on field measurements that are used to calibrate and verify model effectiveness. Without available erosion data, it is not possible to accurately run these models.

Lastly, models based on single-parameter equations, such as a slope–erosion or drainage area–erosion relation, are simple but effective because "sediment yield rates will decrease as the average slope decreases, reflecting a decrease in the efficiency of overland sediment transport" (Boyce, 1975). Due to the large drainage area, lack of site-specific erosion measurements, and presence of landslides as sediment sources, the sediment delivery ratio used in this study is based on two single-parameter equations that use a predefined drainage area–erosion relation (U.S. Department of Agriculture, 1972; Boyce, 1975; Julien, 1995; Vanoni, 2006). The first equation for the sediment delivery ratio is from Vanoni (2006) and it states:

$$\boldsymbol{SDR = 0.42 * A^{-0.13}} \qquad \textbf{(EQUATION 7)}$$

where SDR is the sediment delivery ratio; and A is basin area ($mi^2$). Equation 7 differs from a similar drainage area–erosion relation equation described in Julien (1995) based on work completed by Boyce (1975), which states:

$$\boldsymbol{SDR = 0.31 * A^{-0.30}} \qquad \textbf{(EQUATION 8)}$$

where SDR is the sediment delivery ratio; and A is basin area ($mi^2$).

Since the description of error analysis for these models was limited and because there are different sediment delivery ratios calculated by each, the gross sediment erosion results discussed in this report will represent a range between these two methods.

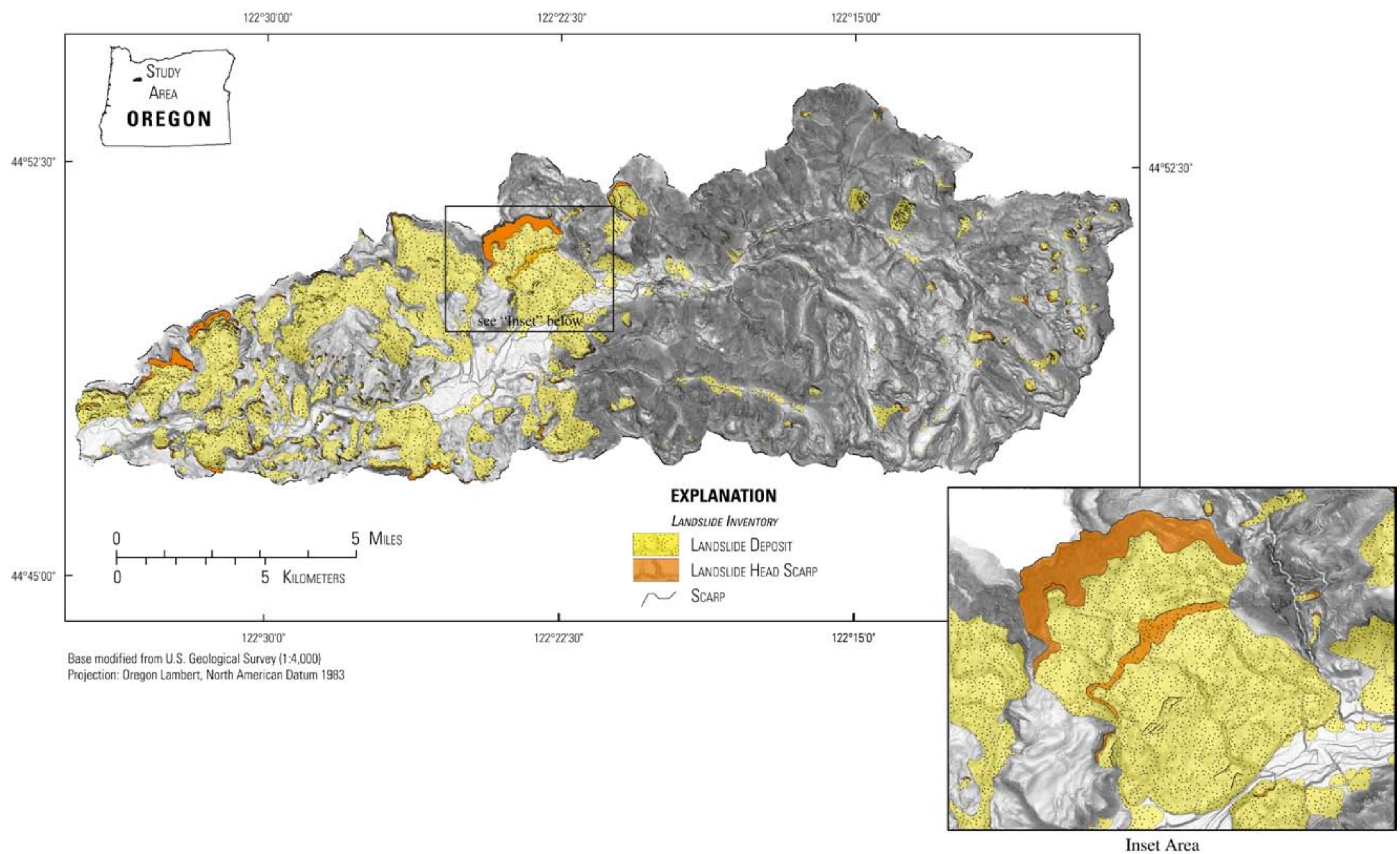
# Chapter 6. Results

## 6.1: Landslide Inventory

### 6.1.1: Landslide Variability and Distribution

The size, variability, and distribution of landslides in the Little North Santiam River Basin are similar to what was mapped in other Western Cascade watersheds (Oregon Department of Geology and Mineral Industries, 2009a). However, few other studies have compiled as detailed of a landslide inventory as presented here. In total, there are 401 unique landslide deposits mapped in the basin, with hundreds more smaller landslides left unmapped that are below the predefined 0.5-acre minimum mapping unit for this study (Table 9). Included in the inventory are 143 “nested” landslides that are self-contained within larger landslide deposits. Of the 401 landslide deposits, 268 are classified as prehistoric (>150 years old). Conversely, 133 landslides display recent movement characteristics and have likely failed within the last 150 years. The most abundant landslide type is earth flow, with 190 discrete failures. Earth flow deposits comprise over a quarter (26%) of all mapped landslide deposits in the basin. When combined with earth flow-dominated complex landslides, these deep-seated failures constitute 90% of the total extent of landslide deposits in the Little North Santiam River Basin. Earth flows have relatively moderate gradient failure planes (mean slope of 24°) but are seen on slopes as shallow as 8°.

The second most common landslide classification is debris flow. Individual debris flow deposits are much smaller than earth flow deposits and populate nearly every upper basin catchment (Figure 22). Although there are nearly as many debris flows as earth flows, 164 and 190, respectively, their depositional area is 1/5$^{th}$ as large. Debris flows




Inset Area

Figure 22. LiDAR-based landslide inventory for the Little North Santiam River Basin, Oregon, with inset of the Fawn Creek Landslide.

occur on much more variable slopes, with slopes ranging between 3° to 40° (mean slope of 18°). This variability is likely due to a greater potential for mapping error with these deposits compared to other landslide types. Debris flow deposits are found on both steep-sloped valleys and gradual-sloped valley floors.

Table 9. Number and extent of individual landslide deposits by movement type (including nested landslide deposits).

[**Abbreviations:** $mi^2$, square miles; $km^2$, square kilometers]

| Type | Count | Area ($mi^2$) [$km^2$] | % of Area (Landslide Deposits) | % of Area (Basin) |
|---|---|---|---|---|
| Earth Flow | 190 | 7 [19] | 26% | 4% |
| Debris Flow | 164 | 2 [5] | 5% | 1% |
| Complex | 21 | 18 [46] | 64% | 16% |
| Rock Fall | 13 | 0.4 [1.1] | 2% | 0.4% |
| Earth Slide-Rotational | 9 | 0.5 [1.2] | 2% | 0.4% |
| Earth Slide-Translational | 4 | 0.4 [1.1] | 2% | 0.4% |
| **Total** | **401** | **28 [73]** | **100%** | **22%** |

Individual landslide deposits cover 28 $mi^2$ [73 $km^2$] (Table 9), however, since some landslides are nested within others, there is actually closer to 24 $mi^2$ [62 $km^2$] of deposits spread across the Little North Santiam River Basin (Figure 22). This equates to roughly 22% of the total basin extent. The distribution of deposits is uneven, with 37% of lower basin (Reach A, B, and C) underlain by landslides compared to only 4% of the upper basin (Reach D). Generally, each reach decreases in landslide density going upstream compared to the adjacent downstream reach. For example, 45% of Reach A is covered with landslide deposits, followed by 46% of Reach B, 25% of Reach C, and 4% of Reach D. Of the top 12 largest landslide deposits ten are classified as complex landslides, each located in the lower basin. The largest of these complexes covers over 6 mi$^2$, including most of Sinker Creek, Little Sinker Creek, and Big Creek watersheds. Most landslides are in the northern half of the basin on south-facing slopes.

Discrete landslide deposits have a wide range in size. The biggest individual landslide feature, the Fawn Creek Landslide (Figure 22, inset), is so large (2.8 mi$^2$ [7 km$^2$]) that it failed along a nearly 800 ft [240 m] head scarp on Lookout Mountain. The original landslide failure was mapped as prehistoric (> 150 years old), yet there have been periods of recent movement at the toe (Figure 23), as well as multiple, historic nested failures within the landslide. The original landslide likely failed in response to a large subduction zone earthquake (Scott Burns, Portland State University, oral commun., 2009). During that same seismic event a smaller earth flow across the river failed, as well, joining the Fawn Creek Landslide to dam the Little North Santiam River. Detailed information on each landslide is found in Appendix A.2: Landslide Inventory, while directions for downloading the entire landslide inventory geodatabase are found in Appendix B.1: Landslide Inventory.

Figure 23. Trail along toe of Fawn Creek Landslide at Salmon Falls State Park (Photo: Steven Sobieszczyk, Portland State University, 2009).

### 6.1.2: Landslide Inventory Compared to Previous Studies

The accuracy of the LiDAR-derived imagery produces a landslide inventory map (Figure 22) that exceeds the detail of those produced from previous surveys (Figure 8). This improvement is demonstrated by comparing the landslide statistics between the surveys (Table 10). The inventory completed for this study documents 50x more landslides, as well as over 2x more depositional extent than previous studies (Table 10). The locations of the largest deposits are similar between the inventories; however, the margins of the landslides vary considerably. DeRoo and others (1998) suggest that older landslide inventories that use aerial photographic analysis and some field verification underestimate the number of deposits because dense vegetation obscures many of the deep, expansive complex landslide deposits seen in the Western Cascades. In addition, the coarseness of previous mapping scales (1:500,000) means that smaller features, such as debris flow scars and deposits, were not included in the previous inventories. The Little North Santiam River Basin has over 400 landslide deposits, which equates to nearly 1 every 3.5 $mi^2$ [9 $km^2$].

Table 10. Comparison between number of landslides from current and previous landslide inventories in the Little North Santiam River Basin, Oregon.

[**Abbreviations:** $mi^2$, square miles; $km^2$, square kilometers]

| Landslide Deposit Statistics | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Reach A | | Reach B | | Reach C | | Reach D | | Total | | |
| # of Landslides | Area ($mi^2$) [$km^2$] | # of Landslides | Area ($mi^2$) [$km^2$] | # of Landslides | Area ($mi^2$) [$km^2$] | # of Landslides | Area ($mi^2$) [$km^2$] | # of Landslides | Area ($mi^2$) [$km^2$] | Source |
| 2 | 1.9 [4.9] | 3 | 5.5 [14] | 2 | 4.1 [11] | 0 | 0.0 [0.0] | 7 | 12 [30] | Walker and MacLeod (1991) |
| 2 | 2.1 [5.5] | 3 | 5.3 [14] | 3 | 4.3 [11] | 0 | 0.0 [0.0] | 8 | 12 [31] | Sherrod and Smith (2000) |
| 4 | 2.5 [6.4] | 2 | 4.5 [12] | 3 | 4.6 [12] | 1 | 0.1 [0.3] | 10 | 12 [30] | Oregon Department of Geology and Mineral Industries (2009a) |
| 140 | 8.5 [22] | 59 | 7.3 [19] | 93 | 5.9 [15] | 109 | 2.3 [5.9] | 401 | 24 [62] | Sobieszczyk - this study |

### 6.1.3: Bedrock Geology and Landslide Deposits

A correlation between landslide occurrence and geologic units is shown in Figure 24. Since most of the basin is mapped as undifferentiated tuff (Tu), most of the landslide deposit extent (primarily complex landslides and earth flows) is contained within this unit. Although the abundance of landslides is high for this geologic unit (195 of the 401 deposits), due to its extent, the areal percentage of landsliding for the unit is relatively low (15% of the undifferentiated tuff area). The two most extensive landslide lithologies are Quaternary landslide deposits (Qls) at 74% and Tertiary Columbia River Basalts (Tc) at 86%. The “Qls–mapped landslide deposit” relation is appropriate given that mapped landslide deposits should occur within mapped Quaternary landslide deposits; however, the "Tc–mapped landslide deposit" requires some clarification. There is a very small area of Tc located along the northern extent of the lower basin (Figure 3). This unit is almost completely contained within the mapped extent of two of the massive landslide complexes. Similar to how the large extent of the tuffaceous unit (Tu) deemphasizes the importance of the abundant landslide deposits, the limited extent of the Columbia River Basalt (Tc) overemphasizes its importance for the frequency of landsliding. The fact that the mapped landslide deposits (Qls) and LiDAR-based landslide inventory is not 100% is likely caused by the difference in resolution between mapping techniques between the different studies.

There are three units that have a sufficient abundance (n > 10) and extent (> 15% of the lithologic unit area) to indicate a possible causal relation between the underlying geology and the presence of landslides: Qt, Tfc, and Tba. These units represent the undifferentiated flows, clastic rocks, and tuffs (Tu and Tfc) that interact with the recessional overlying basalt cap (Tb and Tba). In addition, there are isolated failures within weakly-consolidated Quaternary terrace deposits (Qt) that are undercut by streams and rivers, as well as abundant debris flow deposits atop valley floor terrace deposits.

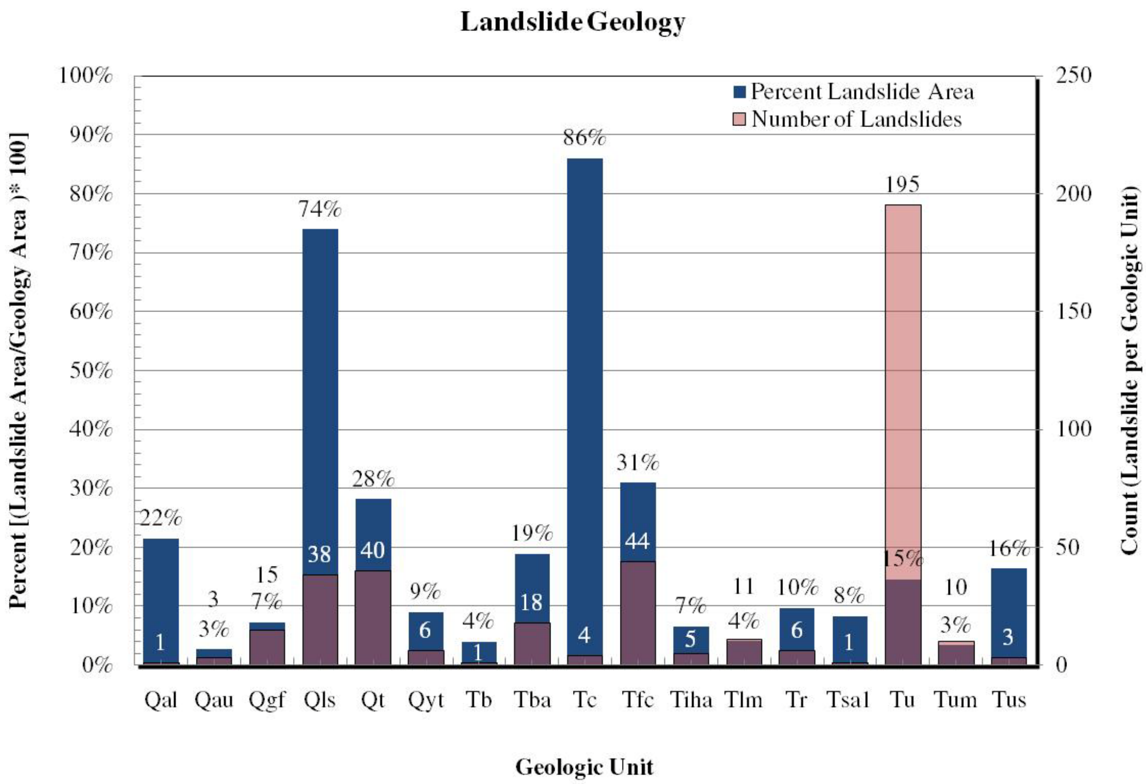



Figure 24. Number and size of landslide deposits, by geologic unit (Oregon Department of Geology and Mineral Industries, 2009b), in the Little North Santiam River, Oregon.

### 6.2: Evans Creek Landslide

Due to the influence Evans Creek has on suspended-sediment loads in the Little North Santiam River, special emphasis has been placed on its primary sediment supply source, the Evans Creek Landslide.

#### 6.2.1: Earth Flow Description

The Evans Creek Landslide is a 23-acre [0.09 km$^2$] active earth flow. The landslide measures from head scarp to toe at 1950 ft [600 m] long, 500 ft [150 m] wide, and between 10 and 30 ft [3 and 9 m] deep (Figure 25). The landslide has at least three primary flow zones or regions of "nested" failures. The Evans Creek Landslide is located on the western flank of Evans Mountain and flows nearly due west at an aspect of 247.5°. The earth flow rests on a 30° to 35° slope.

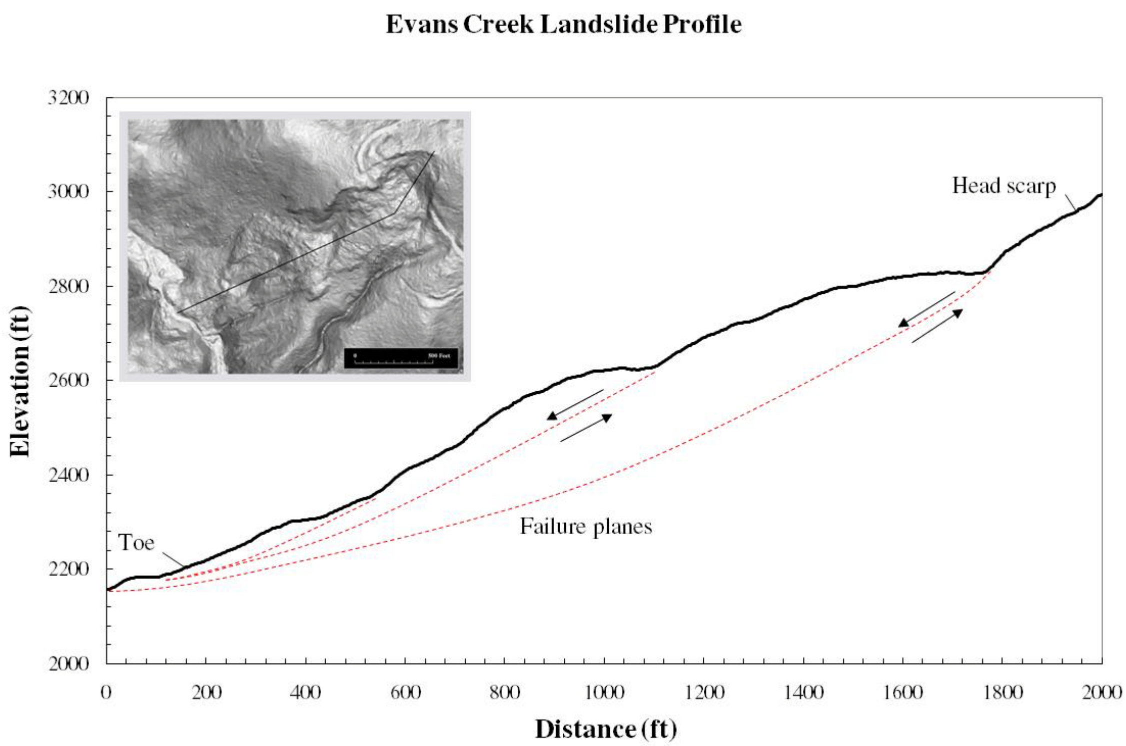



Figure 25. LiDAR-based cross-sectional profile of Evans Creek Landslide.

### 6.2.2: Landslide Movement History

Historical aerial photographs (Figure 26) for the Evans Creek Landslide area date back to 1945 and are available for as recently as 2009 (Patrick Hawe, Bureau of Land Management, written commun., 2010; Oregon Geospatial Enterprise Office, 2010; University of Oregon Library, written commun., 2010). In the earliest photograph (1945) visible changes to the canopy cover and surface exposures indicate that some minor slope movement was present; however, due to dense vegetation, much of the earth flow is obscured. By 1955, a fresh landslide deposit and downed timber indicate that a massive failure had occurred. The period 1945-1955 shows the first evidence of the earth flow entering Evans Creek and likely marks the beginning of landslide-related turbidity problems in the stream. By 1962, much of the area had been harvested and developed with a network of logging roads. Before 1977 a second massive failure occurred, eliminating much of the young coniferous regrowth atop the landslide surface. The hillside appears to have stabilized for much of the 1980s and early 1990s, as very little movement is visible in photographs between 1988 and 1995. During this period much of the forest was able to regrow on the hillside, restabilizing parts of the slope. However, by the time of the 2000 imagery a third massive failure occurred. This remobilization occurred during the flood of February 1996 and washed out parts of the Evans Mountain Road (Jerry Pierce, Upward Bound Camp, oral commun., 2006). The 1996 failure released a large fluid component from the lower landslide, as well as extended the head scarp above the washed-out road (Figure 26). By 2005 another lobe of material mobilized from the landslide and flowed into Evans Creek. Previous research (Sobieszczyk and others, 2007) suggested this failure likely occurred in January 2004. By 2009, parts of the Evans Creek Landslide were frequently failing, supplying large pulses of sediment downstream.

Using aerial photographic interpretation, the movement rates were determined for the Evans Creek Landslide (Table 11). Over the last 64 years the landslide moved an average of 5 to 12 feet per year (ft/yr) [2 to 4 meters per year (m/yr)]. The movement rates between photographs varied depending on antecedent ground conditions, as well as variable image rectification error. There were periods of rapid movement with failure rates approaching 21 and 29 ft/yr [6 and 9 m/yr], including the time periods between 1945 and 1955, between 1970 and 1977, and between 1995 and 2000. In addition, there were periods of nearly imperceptible movement, such as between 1955 and 1970 and between 1977 and 1995. The average Evans Creek Landslide movement rates were similar to the 7 to 23 ft/yr [2 to 7 m/yr] rates observed in other earth flow studies (Swanson and others, 1987; Pearch, 2001; Mackey and Roering, 2010).

The increased landslide movement rates observed every 20 years correspond very well with the Pacific Decadal Oscillation (PDO) weather pattern observed in the Pacific Northwest (Joint Institute for the Study of Atmosphere and Ocean, 2000). Pacific Decadal Oscillation brings similar amounts of rainfall to Oregon as the better known El Niño weather pattern; however, unlike El Niño which starts in the south Pacific along southern California, the PDO originates in the northern Pacific off the Pacific Northwest coast (Joint Institute for the Study of Atmosphere and Ocean, 2000).

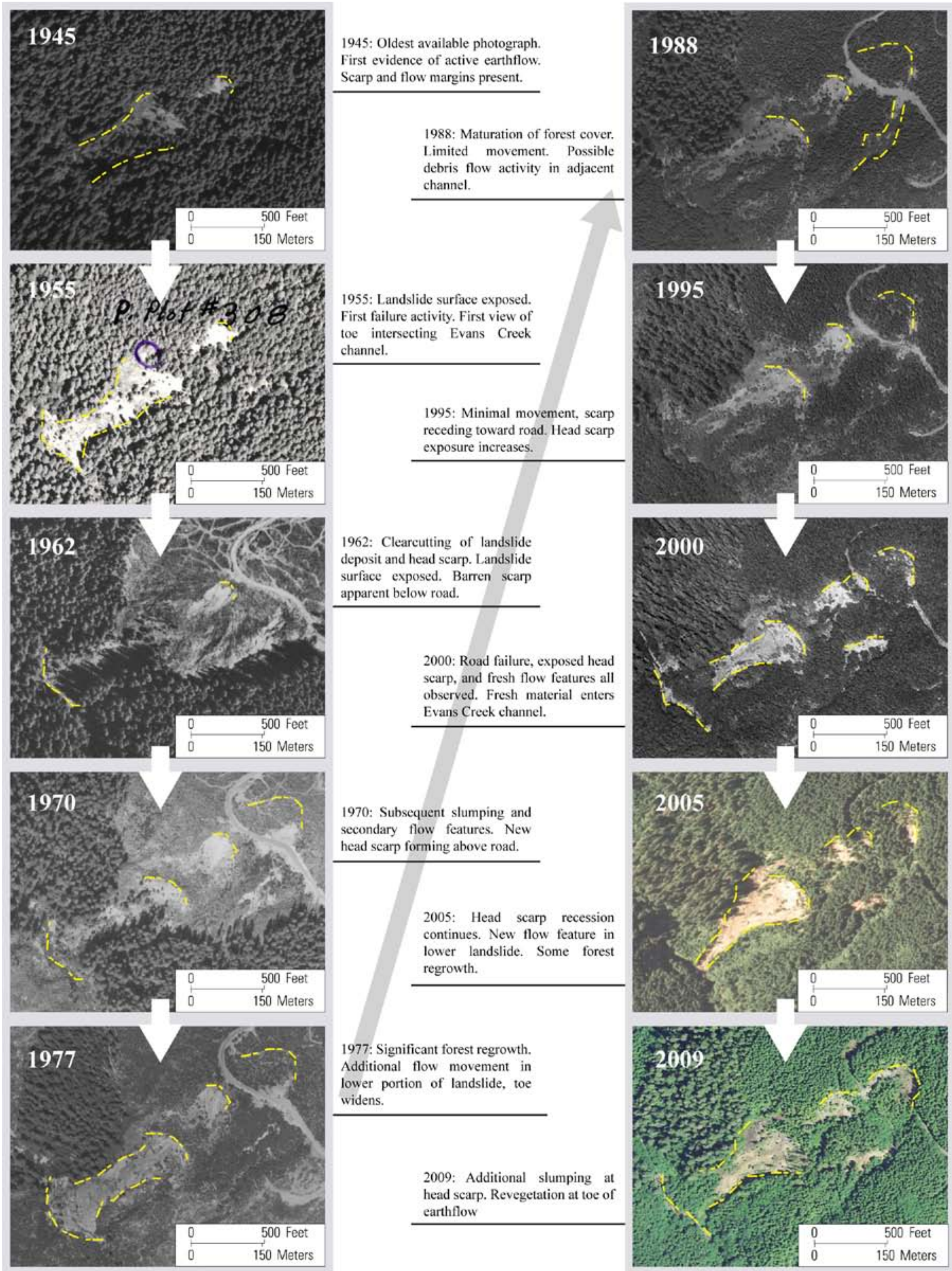



Figure 26. Historical aerial photographs (courtesy of University of Oregon Library, written commun., 2010; Patrick Hawe, Bureau of Land Management, written commun., 2010) and LiDAR imagery for the Evans Creek Landslide. Yellow dashed lines represent landslide features referenced in image description.

Table 11. Evans Creek Landslide movement rates between 1945 and 2009.

**[Abbreviations:** ft, feet; m, meters; yr, year; na, no data available]

| Year | Average Movement Distance (ft) [m] | Rectification Error (+/-) (ft) [m] | Average Movement Rate (ft/yr) [m/yr] | |
|---|---|---|---|---|
| pre-1945 | na | 100 [30] | na | |
| 1945-1955 | 125 [38] | 100 [30] | 3-23 | [1-7] |
| 1955-1962 | 23 [7] | 50 [15] | 0-10 | [0-3] |
| 1962-1970 | 10 [3] | 30 [9] | 0-5 | [0-2] |
| 1970-1977 | 175 [53] | 30 [9] | 21-29 | [6-9] |
| 1977-1988 | 18 [5] | 30 [9] | 0-4 | [0-1] |
| 1988-1995 | 15 [5] | 23 [7] | 0-5 | [0-2] |
| 1995-2000 | 100 [30] | 23 [7] | 15-25 | [5-7] |
| 2000-2005 | 22 [7] | 18 [5] | 1-8 | [0-2] |
| 2005-2009 | 28 [9] | 18 [5] | 3-12 | [1-4] |
| | | **Mean** | **5-12** | **[2-4]** |

## 6.3: Identifying Sediment Sources

Sediment sources investigated in this study focus primarily on the interaction of landslide deposits with streams. However, due to the well-documented interrelation of landslides with other anthropogenic activities, such as timber harvesting, the spatial relation of these other landscape features with the stream network and landslide deposits are also examined.

### 6.3.1: Interaction of Landslide Deposits and Stream Incision

Based on the LiDAR-derived hydrography data set there are 212 miles [65 km] of perennial streams in the Little North Santiam River Basin. This stream network nearly doubles when the 195 miles [59 km] of gullies and ephemeral streams are added. Since these gullies and streams are seasonal, their erosion potential increases from “negligible” to “high” once rainfall or snowmelt is introduced and stream conditions rise. The combination of: 1) gully and stream erosion of landslide deposits, and 2) isolated landslide failures into streams make landslides a potentially large and frequent source of sediment in the Little North Santiam River Basin. For example, a study by Chen and others (2006) in China showed that the Chinshui River removed up to 22% of a landslide deposit in just over two years. With 24 $mi^2$ [62 $km^2$] of landslide deposits and over 400 miles [122 km] of rivers, streams, and gullies present in the Little North Santiam River Basin, there are significant amounts of sediment and ample modes for transport. However, not all landslides are incised by streams nor do all landslides contribute directly into stream drainages.

There are 53 miles [16 km] of stream that intersect mapped landslide deposits, plus an additional 62 miles [19 km] of gullies atop these deposits. That indicates that 28% of the total drainage network length in the basin has the potential to erode weakly-consolidated landslide deposits. Of the 401 landslide deposits in the basin, over half (51%) are incised by rivers, streams, or gullies (Figure 27). The risk for erosion and sediment removal further increases for the landslide deposits that have been recently clearcut. Five percent of the rivers, streams, or gullies flow across landslide deposits that have been recently timber-harvested, the most highly susceptible sediment producing landscape setting.

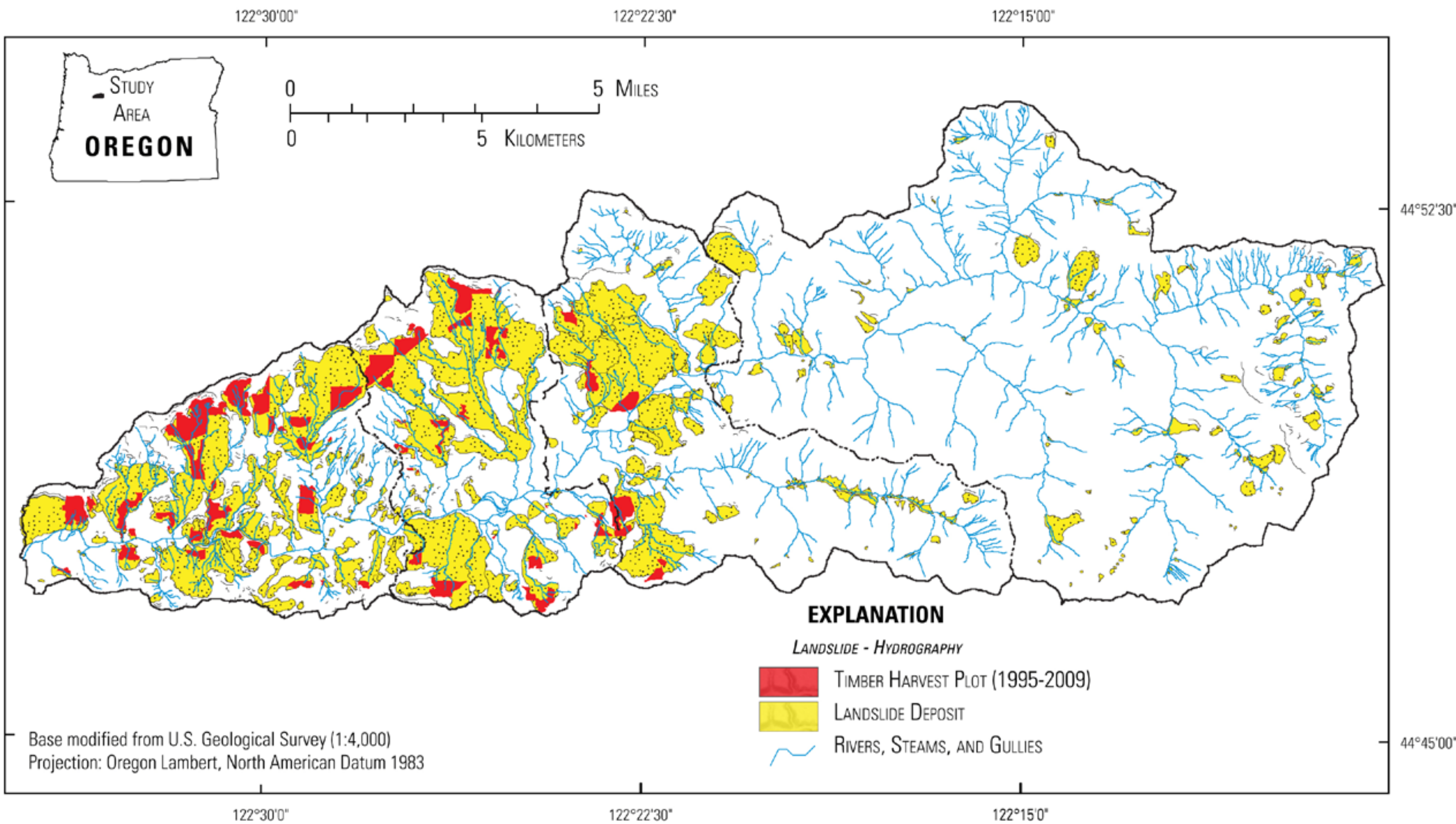



Figure 27. Spatial distribution of landslide deposits in relation to recent timber harvest plots and rivers, streams, and gullies in the Little North Santiam River Basin, Oregon.

### 6.3.2: Spatial and Temporal Distribution of Timber Harvests

There were 148 separate timber plots harvested between 1995 and 2009 (Figure 28). They range from just over 0.5 acres [2000 $m^2$] to 222 acres [0.9 $km^2$]. There were three general trends in the spatial and temporal distribution of timber harvesting for the Little North Santiam River Basin (

Table 12). First, each reach (except Reach D) had 10% or less of the available timber harvested every five years. Second, timber production has generally decreased over the last 15 years. Third, there has been no timber harvesting in the federally-protected Bull of the Woods Wilderness Area (Reach D) for any of the given time periods. Roughly 8% of the total timber in the basin has been harvested since 1995, with all logging in the lower basin and most of it in the first two reaches (Table 12).

Table 12. Comparison of area of recent timber harvest by reach in the Little North Santiam River Basin, Oregon.

[**Abbreviations:** $mi^2$, square miles; $km^2$, square kilometers]

| Timber Harvest Plots | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Reach A | | Reach B | | Reach C | | Reach D | | Total | |
| Years | Area ($mi^2$) [$km^2$] | % of Reach | Area ($mi^2$) [$km^2$] | % of Reach | Area ($mi^2$) [$km^2$] | % of Reach | Area ($mi^2$) [$km^2$] | % of Reach | Area ($mi^2$) [$km^2$] | % of Reach |
| 1996-2000 | 2.1 [5.5] | 11% | 1.2 [3.0] | 7% | 0.3 [0.8] | 1% | 0.0 [0.0] | 0% | 3.6 [9.3] | 3% |
| 2001-2005 | 1.2 [3.2] | 7% | 1.6 [4.1] | 10% | 0.7 [1.8] | 3% | 0.0 [0.0] | 0% | 3.5 [9.2] | 3% |
| 2006-2009 | 0.6 [1.7] | 3% | 0.7 [1.9] | 5% | 1.1 [2.8] | 5% | 0.0 [0.0] | 0% | 2.5 [6.4] | 2% |

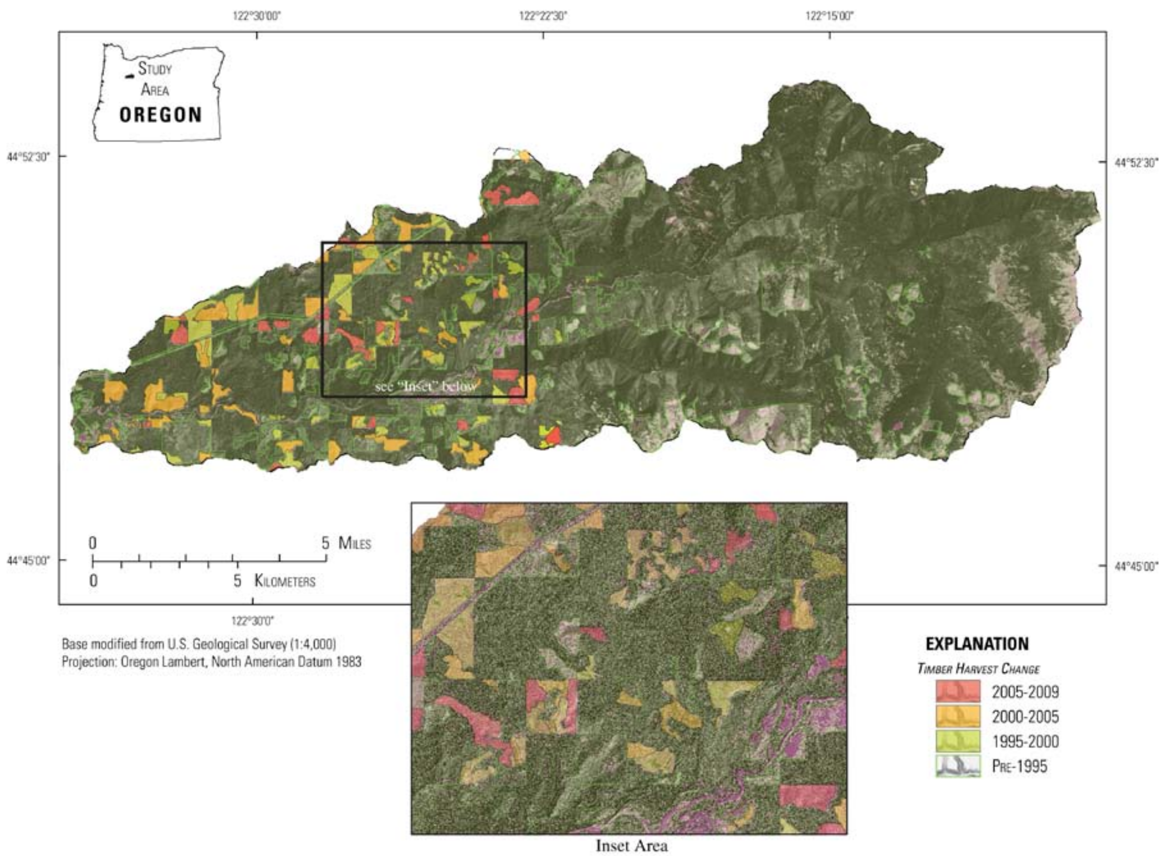



Figure 28. Mapped timber harvest change inventory from 1995 through 2009 for the Little North Santiam River Basin, Oregon.

### 6.3.3: Spatial Relation between Landslides and Timber Harvest Plots

Due to the large extent of landslide deposits, most timber harvest plots in the lower Little North Santiam River Basin fell entirely within the mapped landslide areas. Conversely, since logging was prohibited in the upper basin, there are no clearcut landslide deposits in Reach D. In the lower basin the lowest percentage of logging area atop landslides deposits was 55% between 2001 and 2005 in Reach C. For every other time period and reach at least 76% to 98% of all timber harvest plots fell on landslides. This indicates that most of the recent logging in the Little North Santiam River Basin since 1995 has occurred predominately on landslide prone slopes. The correlation between landslides and timber harvest plots is shown in Table 13.

Table 13. Percentage of timber plot boundaries atop landslide deposits, as defined in this study, in the Little North Santiam River Basin, Oregon.

| Percent of Timber Harvest Plots on Landslide Deposits | | | | |
|---|---|---|---|---|
| Years | Reach A (%) | Reach B (%) | Reach C (%) | Reach D (%) |
| 1996-2000 | 93% | 82% | 98% | 0% |
| 2001-2005 | 84% | 76% | 55% | 0% |
| 2006-2009 | 89% | 86% | 89% | 0% |

## 6.4: Instream Turbidity and Suspended-Sediment Load Results

### 6.4.1: Continuous Turbidity Monitoring

The most efficient way to determine if potential sediment sources contributed material to the Little North Santiam River was by deploying a turbidity monitoring network. Using five continuous instream turbidity monitors, the Little North Santiam River was separated into four separate reaches (Reach A, Reach B, Reach C, and Reach D) and Evans Creek (Figure 1). Turbidity monitors were installed in November 2009 and removed in March 2010. The official period of record for this study was December 1, 2009 through February 28, 2010 (Appendix A.3: Continuous Turbidity, Estimated Streamflow, and Suspended-Sediment Loads).

Turbidity in the Little North Santiam River for the winter 2009–2010 was variable and matched a similar disparity between the upper and lower basins as demonstrated by previously discussed basin characteristics. In the upper basin (Reach D) water passing the monitor at Station 4 was clear with no turbidity measurements exceeding 10 FNU for any 30-minute reading for the entire 3-month period (Figure 29). Water clarity was significantly less at Station 3 (Reach C) where turbidity routinely reached 20 to 30 FNU, with one spike over 90 FNU (Figure 29). Turbidity levels remained relatively consistent along the remainder of the Little North Santiam River as represented by readings at Stations 1 and 2 downstream (Figure 29).

Two key interpretations can be inferred from observations of the continuous turbidity monitoring. First, most of the sediment that entered the river to increase turbidity entered the river between Stations 3 and 4. Second, although streamflow increased downstream at Stations 1, 2, and 3, turbidity levels remained consistent. This indicates that additional sediment was supplied in conjunction with increased streamflow to keep turbidity values elevated rather than allowing for dilution or settling of sediment. For most of the 3-month study period, the sediment entering the river upstream from Station 3 controlled the turbidity in the river. However, there was a brief period starting January 29, 2010, when something occurred between Station 2 and 3 that raised the baseline turbidity and kept it elevated for nearly 10 days. This increase in turbidity was likely due to material supplied by a reactivation of the Bear Trap Slide near Mile Post 4.

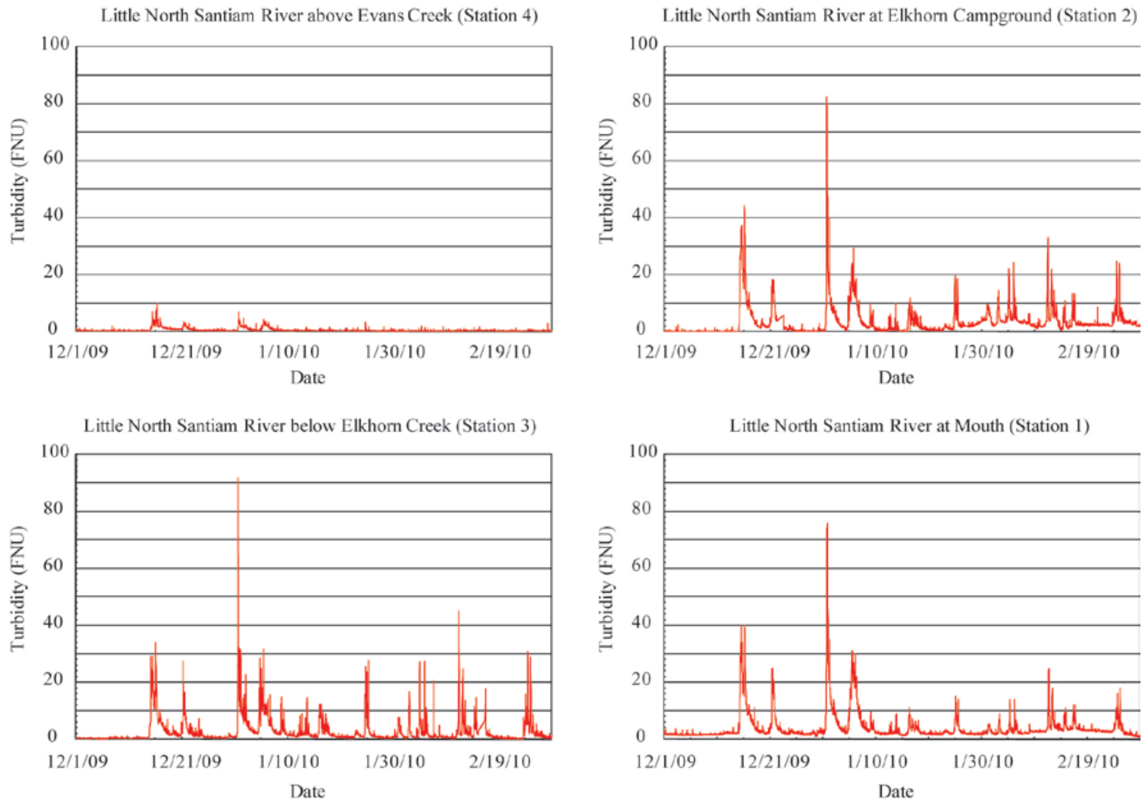



Figure 29. Continuous turbidity readings for December 2009 through February 2010 at four stations along the Little North Santiam River, Oregon.

Unlike the turbidity monitors along the Little North Santiam River, the monitor on Evans Creek routinely recorded above 100 FNU (Figure 30), with readings exceeding the maximum threshold of the equipment (~1000 FNU). Turbidity during storm periods was often an order of magnitude greater than what was recorded in the Little North Santiam River at Elkhorn (Station 4), just upstream (inset; Figure 30).

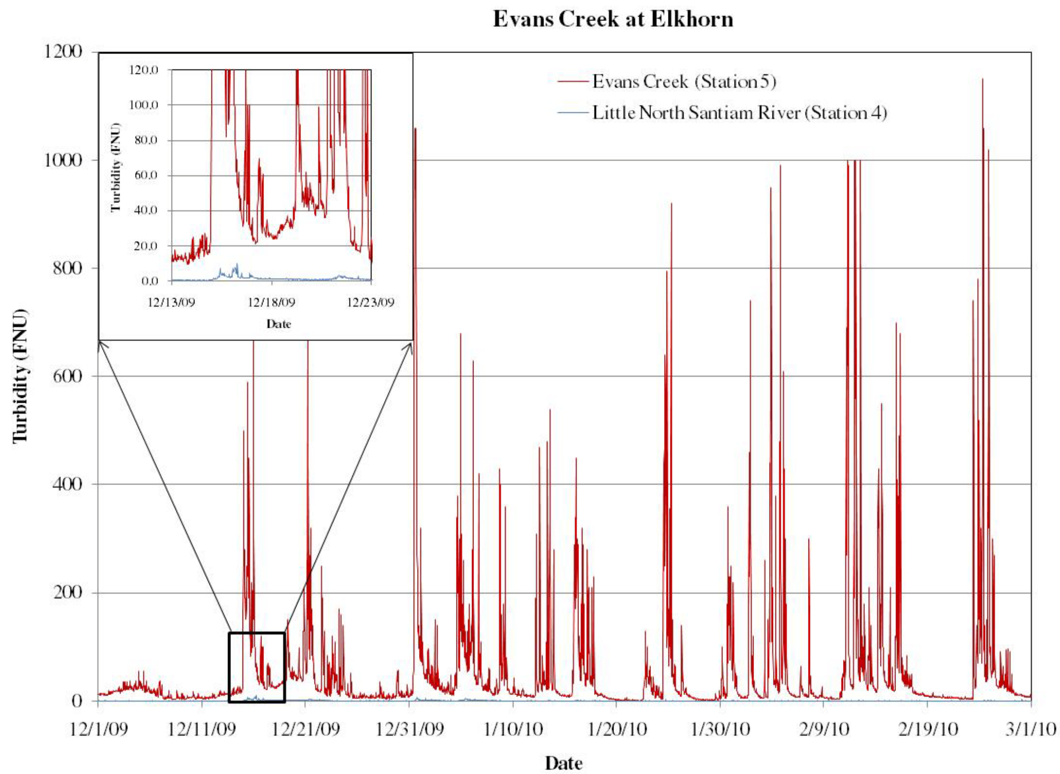



Figure 30. Continuous turbidity readings for December 2009 through February 2010 at Evans Creek at Elkhorn, Oregon (Station 5), and Little North Santiam River above Evans Creek at Elkhorn, Oregon (Station 4).

### 6.4.2: Suspended-Sediment Loads

### 6.4.2.a: Long-Term Suspended-Sediment Loads (1999–2008)

Water quality in the Little North Santiam River has been monitored by the USGS since April 2000 with streamflow-gaging and other observations dating back to 1998 (as Site ID 14182500). Therefore, there are about 10 years of water-quality data present for Station 1 at the mouth of the Little North Santiam River. Suspended-sediment load estimates are published for most of the decade, from October 1999 to September 2008 (Bragg and others, 2007; Bragg and Uhrich, 2010), and show an expected seasonal variability in sediment transport in the river (Table 14). Historically, the periods of greatest rainfall and greatest sediment transport are November through January. Typically, that 3-month period accounts for 84% of the annual sediment transported by the Little North Santiam River. Monthly maxima match a similar timeline, as in most years the greatest monthly totals occur in either December or January. Therefore, although this study focused on the 3-month period from December through February, it still represents 52% of the expected historic annual suspended-sediment load for the basin.

Table 14. Historical suspended-sediment loads, by month, for Station 1 at mouth of Little North Santiam River (Heather Bragg, U.S. Geological Survey, written commun., 2010).

[Shading represents 3-month period corresponding to temporary monitor deployment. Bold values are greatest monthly total for particular year. **Abbreviations**: T, short tons]

| | Suspended-Sediment Load (T) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MONTH | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | SUM | % |
| October | 50 | 3 | 160 | 260 | 0 | 30 | 60 | 470 | 10 | 780 | 1,800 | 1% |
| November | 4,100 | **46,000** | 60 | 2,600 | 50 | 640 | 180 | 1,100 | **39,000** | 1,300 | 95,000 | 37% |
| December | **26,000** | 5,400 | 420 | **6,000** | 670 | 3,300 | **4,400** | 8,700 | 16,000 | **4,300** | 75,000 | 29% |
| January | 2,200 | 1,400 | 40 | 1,100 | **6,800** | **13,000** | 2,300 | **12,000** | 4,900 | 960 | 45,000 | 17% |
| February | 3,000 | 3,300 | 40 | 300 | 1,200 | 420 | 10 | 630 | 3,400 | 230 | 13,000 | 5% |
| March | 620 | 530 | 410 | 1,100 | 4,900 | 170 | 2,200 | 90 | 540 | 990 | 12,000 | 5% |
| April | 280 | 260 | **700** | 5,900 | 330 | 70 | 280 | 190 | 100 | 460 | 8,600 | 3% |
| May | 980 | 630 | 490 | 70 | 120 | 210 | 220 | 90 | 30 | 1,200 | 4,000 | 2% |
| June | 130 | 1,400 | 20 | 30 | 7 | 60 | 110 | 90 | 15 | 360 | 2,200 | 1% |
| July | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 10 | 5 | 17 | 40 | 0% |
| August | 0 | 0 | 0 | 0 | 4 | 160 | 1 | 2 | 2 | 25 | 190 | 0% |
| September | 0 | 0 | 1 | 0 | 1 | 70 | 1 | 1 | 2 | 2 | 80 | 0% |
| Annual | 37,000 | 59,000 | 2,300 | 17,000 | 14,000 | 18,000 | 9,800 | 23,000 | 64,000 | 11,000 | 260,000 | 100% |

### 6.4.2.b: Short-Term Suspended-Sediment Loads (Winter 2009–2010)

Suspended-sediment loads were calculated for the 3-month study period for each station on the Little North Santiam River and Evans Creek (Table 15). Roughly 3,300 T [3,000,000 kg] of sediment left the Little North Santiam Basin during the winter 2009–2010. Based on a proposed range of sediment delivery ratios between 8% and 26%

(Table 15), the instream suspended-sediment load translated to a total gross surface erosion of between 14,000 T [12,700,000 kg] and 41,000 T [37,000,000 kg]. Hence, 10,700 T [9,700,000 kg] to 37,700 T [34,000,000 kg] of sediment that was dislodged from the landscape settled before reaching the confluence with the North Santiam River. Generally, sediment input increased downstream as streamflow increased and more sediment sources were encountered.

Based on the instream monitoring and sediment calculations, little of the sediment measured in the Little North Santiam River was supplied by the upper basin. Reach D yielded only 6 T/mi$^2$ [2,100 kg/km$^2$], almost an order of magnitude less than each of the other three reaches (Table 15). Reach C had the highest sediment input of any reach with 1,590 T [1,440 kg], or about 66 T/mi$^2$ [23,000 kg/km$^2$]. Most of the sediment that entered the Little North Santiam River in Reach C was attributed to Evans Creek, a tributary that enters a few hundred feet downstream of Station 4. Although the 3-month period of record was short, it did offer enough information to accumulate tangible results; however, the suspended-sediment loads during this period were much lower than what was measured during average flow years (Table 14). Final results were not extrapolated to an annual sediment load because of insufficient data for November 2009 and unseasonable, prolonged rainfall for the months of April, May, June, and July 2010.

Table 15. Suspended sediment and gross erosion loads for December 2009 through February 2010 in the Little North Santiam River Basin, Oregon. Basin values represent entire area upstream, while reach values only quantify values between stations.

[**Abbreviations:** SSL, suspended-sediment load; SSY, suspend-sediment yield; SDR, sediment delivery ratio; mi$^2$, square miles; km$^2$, square kilometers; T, short tons]

| Location | Basin Drainage | Reach Drainage | SSL 3-month Basin | SSL 3-month Reach | SSY ($S_y$) 3-month Basin | SSY ($S_y$) 3-month Reach | SDR | Gross Erosion ($S_e$) 3-month Basin |
|---|---|---|---|---|---|---|---|---|
| | (mi$^2$) [km$^2$] | | (T) | | (T/mi$^2$) [T/km$^2$] | | | (T) |
| Reach A (Station 1) | 111 [287] | 19 [49] | 3300 | 800 | 30 [11] | 42 [16] | 0.08 - 0.23 | 14,000 - 41,000 |
| Reach B (Station 2) | 92 [238] | 16 [41] | 2500 | 600 | 27 [11] | 38 [15] | 0.08 - 0.24 | 10,000 - 31,000 |
| Reach C (Station 3) | 76 [197] | 24 [62] | 1900 | 1590 | 25 [10] | 66 [26] | 0.08 - 0.24 | 8,000 - 24,000 |
| Reach D (Station 4) | 52 [135] | 52 [135] | 310 | 310 | 6 [2] | 6 [2] | 0.09 - 0.26 | 1,100 - 3,900 |
| Evans Creek (Station 5) | 3.4 [8.8] | - | 910 | - | 270 [103] | - | 0.21 - 0.36 | 2,500 - 11,000 |

### 6.4.2.c: Turbidity and Suspended Sediment Loads at Evans Creek

Based on field observations, turbidity measurements (Figure 30), and suspended-sediment samples, 910 T [830,000 kg] of sediment exited Evans Creek (Table 15). This is a conservative estimate because of the limited sample set and short period of record. Examining results within the margin of error actually puts the amount of sediment from Evans Creek between 380 and 2200 T [340,000 to 2,000,000 kg]. Therefore, at least a third, if not more, of the total suspended-sediment load for the Little North Santiam River Basin, during winter 2009–2010, came from this one tributary. Most of this sediment in Evans Creek is attributed to material from the Evans Creek Landslide (see “Evans Creek Landslide” in Results section).

# Chapter 7. Discussion

## 7.1: Factors Controlling Landslide Distribution

The most important controlling factor of landslide activity in the Little North Santiam River Basin is the underlying geology. There are two particular bedrock types that appear to dictate landslide failure potential: basalt and tuff. The young, minimally-weathered basaltic bedrock that comprises much of the upper basin supplies a resistant cap that limits erosion and weathering, therefore, restricting the formation of deep-seated landslides. Conversely, the lower basin is underlain by older, highly-weathered tuffaceous bedrock. These volcaniclastic tuffs and breccias are highly susceptible to deep-seated failures. The stark contrast between weathering is evident by the disparate landslide type and distribution when comparing the upper and lower basin, as well as the variability by reach.

The presence of thick soils in the lower basin further increase the likelihood of deep-seated landslides, such as rotational slumps, earth flows, and complex landslides. The lower basin bedrock has not always been as exposed as current conditions indicate. Incision of the younger basalt cap by the Little North Santiam River drainage system has removed the basalt from the valley, while leaving deposits along the high elevation basin margins. Since the basalt cap has persisted in the upper basin, slopes remain much steeper and soil accumulation is much shallower. Therefore, channelized debris flows become the most common landslide type. In most cases the debris flows contain abundant downed timber, rock, and water, but limited dirt and soil. These types of debris flows are referred to as debris torrents (Easterbrook, 1993). Since debris torrents in this basin are not laden with mud, they do not contribute large suspended-sediment loads to the Little North Santiam River system.

### 7.2: Problems with Landslide Deposit-Timber Harvest Comparisons

Previous studies (Lyons, 1981; DeRoo and others, 1998) in the Cascade Range have indicated that the landslide frequency in clearcut areas, especially associated with logging roads, was 20x to 25x more frequent than landslide activity in undisturbed forest areas. These estimates are likely artificially inflated because the aerial photographic interpretation methods used did not effectively account for obscured landslides in forested terrain. This gave greater emphasis to landslides “seen” in clearcut areas compared to those “unseen” in forested areas.

With the availability of high-resolution LiDAR, a better correlation between timber harvest and landslide genesis should have been possible in the Little North Santiam River Basin; however, due to the extent of landslide deposits and the establishment of predefined mapping protocols, certain problems arose. For example, large swaths of the lower basin, where all of the logging occurred, are completely covered by complex landslide deposits. These flowing, denuded slopes are much larger than the timber harvest plots, therefore, making it inappropriate to draw a causal link. Conversely, the smaller landslides, such as those associated with logging road failures, are often ignored in the analysis because they are smaller than the established 0.5-acre minimum mapping unit. Since these small landslides are not mapped, no correlation between sediment transport to streams from these features could be could be quantified.

### 7.3: Sediment Source Area Distribution

Since the Little North Santiam River Basin covers 111 $mi^2$ [287 $km^2$], most discussion about sediment input focuses on a basinwide analysis tied to the four monitoring reaches. As mentioned in the literature review, the likelihood of landslide movement and increased surface erosion relates directly to how land is managed, especially in landslide-prone areas. This complex interaction of sediment-supplying landscape features and erosion-prone land use activities drive much of the sediment transport in the basin.

Even though there are 401 landslides, only one or two active earth flows (Evans Creek Landslide and Bear Trap Slide) are needed to supply a significant percentage of the suspended sediment measured in the Little North Santiam River. For example, during the winter 2009–2010 study period the Evans Creek Landslide contributed nearly 28% of the suspended-sediment load measured at the mouth of the Little North Santiam River (Station 1). Other smaller landslides or surface erosion propagated by gully incision, stream bank erosion, or sediment production from other anthropogenic driving forces, such as clearcutting, likely accounted for the remainder.

The following assessment of sediment sources and estimated instream suspended-sediment loads demonstrate that the Little North Santiam River Basin functions, at least during the winter 2009–2010, as essentially two distinct regions: an upper basin (Reach D) and a lower basin (Reaches A, B, and C). Based on the landslide inventory, stream density, land management activities, and observed instream turbidity, the lower basin is a higher sediment-producing landscape than the upper basin. The area with the greatest sediment input, Reach C, supplies such a disproportionate amount of sediment that it requires more in-depth discussion. Most of the suspended-sediment load in Reach C came from Evans Creek; therefore, this tributary is parsed out from the lower basin and evaluated on its own.

### 7.3.1: Upper Basin Sediment Supply

Based on a number of theoretical erosion and sediment transport models, such as USLE (U.S. Department of Agriculture, 1978), GeoWEPP (Renschler, 2008), and SHETRAN (Ewen and others, 2000; Birkinshaw and others, 2010), steep slopes and areas of heavy rainfall should produce more sediment than flatter regions in lower parts of a basin. In contrast, the upper basin of the Little North Santiam River Basin, where there are steeper slopes and more rainfall, less sediment was produced. In fact, Reach D transported the smallest amount of suspended sediment of any reach during the period of study. Although the upper basin accounts for 47% of the total basin area, it contributed only 9% of the total suspended sediment observed in the Little North Santiam River.

Similarly, when examining the available streamflow data the limited sediment production in the upper basin was also less than expected. Based on streamflow estimates 67% of the stream discharge was already incorporated in the Little North Santiam River by Station 4, indicating that most of the power necessary for sediment transport was already present in the river. However, the lack of sediment sources in the upper basin limits the amount of material that is available for transport. The upper basin has few landslide deposits, is mostly covered by federally-protected forests with no logging, has limited road and trail construction or maintenance, and has hillsides composed of resistant bedrock with shallow soils. All these factors contribute to its low potential for sediment production. Most of the landslides mapped in the upper reach are coarse-grain, timber-rich debris torrents, therefore, contribute minimally to downstream suspended-sediment loads.

### 7.3.2: Lower Basin Sediment Supply

The lower basin, as defined by Reach A, B, and C, contributed 91% of the suspended-sediment load observed in the Little North Santiam River during the winter 2009–2010. Based on the aforementioned empirical sediment production models (GeoWEPP and USLE), this 10x increase compared to the upper basin is much greater than what would have been expected. Generally, the low-gradient slopes and lower rainfall seen in the lower basin should produce less sediment than the steep-sided slopes and heavy rainfall found in the upper basin. The observed disparity between predicted and actual sediment input can be attributed to the addition of numerous potential sediment sources found in the lower basin. Besides surface erosion along gullies and streambanks, the lower basin also has considerable landslide activity. Many of these landslide deposits have either failed directly into streams or have been eroded by rills and gullies atop the deposits. In addition, erosion from recently logged timber plots and runoff along the dense network of lower basin roadways likely supply additional sediment. Most of the suspended sediment measured in the Little North Santiam River entered in the lower basin, with nearly half of it (48%) incorporated along Reach C. The primary source of sediment in this reach was Evans Creek, which supplied 910 T.

### 7.3.3: Evans Creek Sediment Supply

Sediment from Evans Creek affects turbidity all the way downstream along the Little North Santiam River. Although there are a few potential sediment sources within the Evans Creek watershed, such as sizable clearcut in the upper western extent (harvested between 2005 and 2009), a number of recent small debris flows, and the extensive Fawn Creek Landslide, most of the sediment observed in the creek actually comes from an earth flow off the western slope of Evans Mountain (Figure 26). This landslide covers 23-acres (0.0004% of the Little North Santiam River Basin) yet supplied nearly a third (28%) of the sediment transported during the winter 2009–2010. During the study, the difference in turbidity between Evans Creek and the Little North Santiam River just upstream at Station 4 was commonly an order of magnitude higher (Figure 30). The fact that one of the smaller landslides in the basin contributes such a sizable portion of the sediment load is interesting. Size does not necessarily matter for the amount of sediment produced from a landslide, instead environmental and hydrologic setting, antecedent conditions, amount of precipitation, movement rates, and other unknown factors control sediment input.

**7.4: Limitations of the Study**

Research presented in this report does contain some limitations in data collection, processing, and application. Limitations include:

- A short data collection period (December 1, 2009 through February 28, 2010) did not represent the typically highest 3-month historical suspended-sediment load and streamflow period (November through January);

- Due to the below average streamflow and rainfall conditions during the winter 2009–2010, results from this study may not represent sediment sources that dominate during higher flow conditions.

- Significant rainfall and erosion occurred in March through July 2010, after turbidity monitors were removed, so the December through February suspended-sediment loads may not represent the majority of the annual loads in water year 2010 (October 31, 2009 to September 30, 2010);

- The landslide inventory had minimal ground-truthing and the timber harvest change data set was not field checked;

- Sediment delivery ratio calculations were relatively simplistic and had a large margin of error; however, represented the best option given the available information; and

- Rectification accuracy of historical aerial photographs of Evans Creek was highly variable due to limited reference points, especially in the older photographs from 1945, 1955, 1962, and 1970; therefore, there was high variability and potential error in the landslide movement rates.

## Chapter 8. Management Implications

Since the scope of this research focuses on identifying sediment sources, primarily landslides, the scope of management recommendations in this section follows suit. Landslides contribute sediment to streams two ways: 1) massive failure into a stream or river; or 2) surface erosion of weakly-consolidated and highly-erodible landslide deposits. Therefore, landslide sediment contribution can be reduced by controlling one or both of these mechanisms.

### 8.1: Slope Stability Techniques

The failure of a landslide into a stream can supply as much, or more, sediment into a river than surface erosion from the same landslide. Therefore, the first approach for reducing sediment contribution from landslides focuses on slope stabilization. Engineered solutions can be employed in many cases to reduce the driving forces responsible for triggering landslide failure. Techniques, such as dewatering and buttressing, are routinely used and have proven to be effective (Gedney and Weber, 1978; Johnson and DeGraff, 1988; Holtz and Schuster, 1996).

#### 8.1.1: Dewatering Methods

Landslides in the Little North Santiam River Basin typically mobilize in the winter months after heavy rainfall saturates hillslopes. Based on a review of soil survey data for the basin (Natural Resources Conservation Service, 2007), one common failure plane for earth flows (in the lower basin) is a dense silt fragipan layer within the Bx-soil horizon. This dense layer is impermeable and retards downward groundwater movement.

The undrained water eventually builds up pore pressures and causes the slope to fail. One way to restrict this type of failure is by removing or reducing the driving force of water.

Water can be removed by improving the drainage from landslides or landslide-prone areas through the use of both surface drainage, such as diversion ditches and interceptor drains and subsurface drainage, such as horizontal or vertical drains. Horizontal drains have been successfully used along the North Fork Road to mitigate landslide movement near Mile Post 4. Engineered drainage effectively transports water away from a landslide. Drainage systems improve slope stability and often remain effective for upwards of 20 years (Johnson and DeGraff, 1988). Of course, dewatering the landslide-prone slope is not the only solution for slope stabilization. Another common, yet more expensive technique, involves buttressing or reinforcing the base of the landslide.

### 8.1.2: Buttressing and Internal Stabilization Solutions

Along with dewatering, slope stabilization can be achieved by having: 1) a resisting force applied to the toe of the landslide, such as with a buttress; or 2) the internal strength of the slope improved, such as through the use of geotextiles or natural plantings (Holtz and Schuster, 1996). Buttressing the toe of a landslide with gabion baskets, riprap, gravity walls, or other engineered anchor systems improve stability by restricting movement of a slope. However, these structures are often expensive and only effective over a limited area. They are used primarily along roads in highly-travelled areas and may not be cost-effective for remote areas or along lengthy stretches of roadway.

If buttressing cannot be used, another approach focuses on increasing the internal strength of the landslide. This stabilization technique is achieved through the use of geotextile and geomembrane products, by natural plantings, or by other integrated design elements (Rogers, 1992; Natural Resources Conservation Service, 1992). Table 16 lists examples of soil bioengineering and vegetative planting techniques that have been used elsewhere (Natural Resources Conservation Service, 1992). Vegetation stabilizes slopes by binding the soils, filtering sediments, and reducing both overland or groundwater flow through interception and evaporation. Also, unlike previous solutions, vegetated structures assimilate into the environment and provide a much more aesthetic backdrop.

Table 16. Approaches for slope protection and stabilization (modified from Natural Resources Conservation Service, 1992).

| Category | Type | Examples | Appropriate Uses | Vegetation Effectiveness |
|---|---|---|---|---|
| | | **Vegetative Plantings** | | |
| Living | Conventional plantings | Grass seedings<br>Transplants<br>Forbs | Control water and wind erosion<br>Minimize frost effects | Control weeds<br>Bind and restrain soil<br>Filter soil from runoff<br>Intercept rainfall<br>Maintain infiltration<br>Moderate ground temperature |
| | | **Soil Bioengineering** | | |
| Living | Woody plants used as reinforcement, as barriers to soil movement, and in the frontal openings or interstices of retaining structures | Live staking<br>Live fascine<br>Brush layer<br>Branch packing<br>Live cribwall<br>Live gully repair<br>Vegetated rock gabion<br>Vegetated rock wall<br>Joint planting | Control of rills and gullies<br>Control of shallow translational landslides<br>Filter sediment<br>Improve resistance to low or moderate slope movement | Control weeds<br>Bind and restrain soil<br>Filter soil from runoff<br>Intercept rainfall<br>Reinforce soil<br>Transpire excess water<br>Minimize slope movement<br>Reinforce fill<br>Improve appearance and structural performance |
| | | **Vegetated Structures** | | |
| Nonliving | Inert structures with vegetative treatments | Wall or revetment with slope face planting<br>tiered structures with bench planting | Control erosion on cut and fill slopes<br>Limit scour and undermining | Stop or limit erosion<br>Stop or prevent shallow slope failure |

## 8.2: Erosion Control Techniques

Surface erosion can be controlled with basic soil conservation methods, including limiting timber harvesting and establishing check dams (Table 17). Similar to landslide stabilization techniques, methods for reducing erosion are extensive and include both natural and engineered solutions and range from prevention to repair (Table 17). In order to reduce sediment transport, the most important area to focus remediation is along rivers, streams, and gullies. River restoration and riparian buffers are vital for filtering runoff, trapping sediment, and stabilizing slopes, especially in the recently timber-harvested areas (U.S. General Accounting Office, 1998; Washington State Department of Natural Resources, 2009). For exposed areas, the use of drainage structures, such as relief culverts, water bars, rolling dips, and ditch-outs aid in controlling soil erosion (Washington State Department of Natural Resources, 2009).

Table 17. Guidelines for successful watershed management (modified from Gregersen and others, 2007).

| | | Basic soil conservation methods | | | |
|---|---|---|---|---|---|
| | | Situation | | | |
| | | Surface Erosion | Steep Slopes | Gully Erosion | Landslides |
| Method | Prevention | Limit timber harvest<br>Limit road construction<br>Limit land use change (conversion to agriculture) | Avoid timber harvesting | Maintain buffer (riparian) | Avoid road cuts (especially at toe)<br>Avoid or limit activity in landslide prone areas. |
| | Maintenance | Lay roads and trails so that runoff is not channelized on steep, susceptible areas | If developing, construct terraces with reverse slope benches to promote infiltration | Lay straw or cover fill | Maintain trees and deep rooted plants on steep hillslopes |
| | Repair | Develop overland flow control structures<br>Maintain or develop vegetated buffers around water bodies | Construct furrows and trenches perpendicular to slope to intercept runoff and promote infiltration | Channel reforestation<br>Establish check dams (gabions, woody debris, etc.) | Reforestation or afforestation<br>Establish bioengineered structures to stabilize soil slips |

### 8.3: Specific Management Solutions for Evans Creek Landslide

Reducing the sediment supply from the Evans Creek Landslide has been a priority for land managers with the BLM. Recent mitigation efforts implemented during the summer of 2009 included spraying straw on exposed surfaces and placing 40 large trees with root wads at the base of the earth flow (Patrick Hawe, Bureau of Land Management, written commun., 2009). These two basic techniques were employed to potentially address both surface erosion and landslide movement issues. However, turbidity readings from the winter 2009–2010 indicate sediment is still was being supplied to Evans Creek. More time is needed to fully assess if the implemented procedures prove successful. Additional control devices, such as sediment fences and temporary detention basins could be deployed, and may prove more useful at retaining more sediment.

Since the Evans Creek Landslide supplies a disproportionate amount of suspended sediment to the Little North Santiam River, any remediation efforts developed from results of this study should focus foremost on this particular earth flow. If turbidity and suspended sediment is important to land managers and inhabitants in the Little North Santiam River Basin, then the landslide should be evaluated by a professional engineering geologist and assessed for a more long-term geoengineered solution. Until a professional assessment is completed, no timber should be harvested from the landslide area or adjacent slopes.

**Chapter 9. Summary**

The Cascade Range of western Oregon represents a unique environment to study erosion and sedimentation. Unlike other regions where surface erosion along streambanks and gullies supply much of the sediment found in rivers and streams, factors in the Cascade Range, such as landslide activity, are just as influential. This study was designed to investigate, at a basinwide scale, how landscape features (landslides) and land management practices (logging) potentially work together to contribute sediment to the Little North Santiam River. Using LiDAR-derived imagery, aerial photographic interpretation, and continuous instream turbidity monitoring a number of landscape parameters were mapped and investigated to determine their respective influence on sediment input to the Little North Santiam River. The Little North Santiam River Basin was chosen to take advantage of the abundant historical turbidity and streamflow data that was available, as well as address specific concerns related to sediment input from known landslides in the basin.

The Little North Santiam River is a tributary of the North Santiam River and drains 111 $mi^2$ [287 $km^2$] of north-central Marion County. Since the North Santiam River is the source of drinking water for the City of Salem and the surrounding communities, any changes to the water quality in the Little North Santiam River will have widespread effects downstream. One common water-quality concern is high turbidity, or "dirty water." Previous studies indicate that 60% to 90% of the suspended sediment responsible for increased turbidity in some Western Cascade streams comes from landslide source areas. Sediment production from other sources, such as clearcutting and road building, also contribute to suspended-sediment loads, but are harder to evaluate, therefore are only briefly discussed in this study.

The 401 mapped landslides cover 24 $mi^2$ [62 $km^2$], or about 22% of the Little North Santiam River Basin extent. The LiDAR-based landslide inventory is an improvement over previous geologic mapping efforts based on aerial photographs, showing 40x more landslides and twice the depositional area. The size and distribution of landslide deposits is heterogeneous, with 37% of the lower half of the basin covered by deposits compared to only 4% of the upper half. The classification also varies by upper and lower basin extents, with most of the larger earth flow and complex landslide deposits seen in the lower basin and the debris flows and rock falls in the upper basin. There are 190 earth flows, 164 debris flows, 21 complex landslides, 13 rock fall deposits, nine rotational earth slumps, and four translational earth slides. Ninety percent of the landslide depositional extent was either earth flow deposits or earth flow-dominant complex landslide deposits.

For this study, the Little North Santiam River Basin was divided into four reach segments (Reach A, B, C, and D), with turbidity monitors installed at roughly equidistant locations along the river. An additional turbidity monitor was installed at Evans Creek, a tributary historically more turbid than the mainstem Little North Santiam River. According to the suspended-sediment load estimates, 3,300 T [3,000,000 kg] of material was transported from the basin during the 3-month study period between December 1, 2009 and February 28, 2010. Most of the suspended load, 2,990 T [2,700,000 kg], entered the river in the lower three reaches, or lower basin. This was in stark contrast to the 310 T [280,000 kg], or 9%, supplied by the upper basin (Reach D), even though the upper basin comprised 47% percent of the total basin area.

The extent of landslide deposits shows a similar distribution as the suspended-sediment loads. Reach D has the smallest extent of landslide deposits (4% of the reach), followed by 25% of Reach C, 46% of Reach B, and 45% of Reach A. Although, 28% of the stream drainage network crosses landslide deposits, nearly a third (28%) of the total suspended-sediment load measured in winter 2009–2010 came from a single landslide in the upper extent of Reach C, the Evans Creek Landslide. The remaining suspended-sediment load likely came from other smaller landslides or other landscape features such as gully and bank erosion, stream–road crossings or recent timber harvest plots.

The Evans Creek Landslide is a 23-acre [0.9 $km^2$] active earth flow that intersects Evans Creek. Based on historic aerial photographs, the landslide has shown periods of activity as far back as 1945. The first evidence of the earth flow entering Evans Creek can be seen in the 1955 aerial photograph. As with most earth flows, movement rates vary over time depending on rainfall intensity and antecedent conditions. Generally, the average earth flow movement is between 5 and 12 ft/yr [2 to 4 m/yr], although, it has been shown to move as quickly as of 29 ft/yr [9 m/yr]. Most landslide movement surges during isolated periods such as in 1996 and 2004. Nearly 910 T [830,000 kg] of suspended sediment, with a margin of error of between 380 and 2200 T [340,000 to 2,000,000 kg], came from Evans Creek during the 3-month study period.

Lastly, since land management plays a vital role in how sediment mobilizes into the Little North Santiam River, slope stabilization and erosion control measures are necessary to retain a safe drinking-water supply. Whether mitigating landslide movement, decreasing surface runoff, or buffering streams with vegetated riparian zones, land managers must continue to remain aware of how poor management practices not only affect local safety (landslide or road failure), but also potentially the health and safety of 100,000s of people downstream (drinking water).

**Chapter 10. Future Studies**

The most pressing work that should be continued is subsequent monitoring of Evans Creek. Since a sizable suspended-sediment load comes from this stream, addressing turbidity concerns from this creek would account for much of the sediment that enters the Little North Santiam River system. Likewise, additional geotechnical work examining the Evans Creek Landslide might lead to a cost-effective solution for stabilizing the earth flow, thereby reducing future erosion and sediment transport concerns.

Another area of research that was briefly examined, but not fully addressed, was a discussion of a thorough debris flow hazard map. Many of the upper basin drainages and some of the lower basin channels show remnants of previous debris flow activity. During intense storms and flooding, such as in February 1996, debris flow activity increases significantly. Since debris flows are a risk to people and infrastructure, and to a lesser degree water quality, additional research on the location and likelihood of debris flows should be completed.

As with most research, time and money constraints dictated how much time was spent on each of the tasks completed in this study. This “crunch” left a lot of data unexamined and some quality assurance and field verification underdeveloped. With more time, there could be further utilization of the high-resolution LiDAR data set to assess other landscape features, including a much better geologic map of the region. Similarly, with more time additional field verification of mapped landslide deposits and timber harvest plots could be completed.

Lastly, streamflow conditions for the winter of 2009–2010 were well below normal. It wasn’t until after the monitoring network was removed that subsequent rainfall increased system-wide streamflow conditions. Therefore, the research presented here only represents a brief analysis of potential trends in both sediment rates and input distribution. Similarly, although there was 10 years of water-quality data available at the mouth of the Little North Santiam River, these data only paint a broad picture of what actually controls sediment delivery in the basin. A three to ten year “extension” study of the contribution of the four reaches would provide a more complete sediment input and response within the Little North Santiam River Basin.

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# Appendices

## A – Tables and Graphs

### A.1 – Suspended-Sediment Samples at Station 1 near Mouth of Little North Santiam River

[**Abbreviations**: FNU, Formazin Nephelometric Units; $ft^3/s$, cubic feet per second; $m^3/s$, cubic meters per second; SSC, suspended-sediment concentrations; mg/L, milligrams per liter; na, no data available]

| Date & Time | Sample Type | Turbidity (FNU) | Streamflow ($ft^3/s$) [$m^3/s$] | SSC (mg/L) | % Fines |
|---|---|---|---|---|---|
| 1/27/99 14:45 | Equal Width Integrated | 683 | 2.7 [0.1] | 3 | 52 |
| 2/2/99 12:15 | Equal Width Integrated | 772 | 5.1 [0.1] | 4 | 51 |
| 2/17/99 13:15 | Equal Width Integrated | 1170 | 3.7 [0.1] | 4 | 62 |
| 2/23/99 14:00 | Equal Width Integrated | 3540 | 47 [1.3] | 124 | 33 |
| 3/2/99 10:40 | Equal Width Integrated | 1640 | 2.8 [0.1] | 8 | 54 |
| 3/10/99 10:30 | Equal Width Integrated | 549 | 1.6 [0.1] | 3 | 61 |
| 3/17/99 12:00 | Equal Width Integrated | 677 | 1.2 [0] | 3 | 38 |
| 3/22/99 13:00 | Equal Width Integrated | 863 | 1.4 [0] | 7 | 78 |
| 3/31/99 14:00 | Equal Width Integrated | 677 | 2.2 [0.1] | 1 | 70 |
| 4/13/99 14:36 | Equal Width Integrated | 694 | 4.8 [0.1] | 4 | 35 |
| 4/21/99 14:30 | Equal Width Integrated | 909 | 1.2 [0] | 2 | 64 |
| 5/18/99 13:52 | Equal Width Integrated | 1810 | 5 [0.1] | 8 | 45 |
| 7/1/99 10:16 | Equal Width Integrated | 384 | 0.7 [0] | 3 | 53 |
| 11/5/99 14:15 | Equal Width Integrated | 216 | 0.7 [0] | 1 | 58 |
| 12/1/99 10:42 | Equal Width Integrated | 867 | 11 [0.3] | 5 | 85 |
| 12/7/99 11:27 | Dip | 2170 | 22 [0.6] | 22 | 74 |
| 12/14/99 14:31 | Equal Width Integrated | 1650 | 7.6 [0.2] | 8 | 75 |
| 12/14/99 14:50 | Dip | 1660 | 7.6 [0.2] | 7 | 80 |
| 12/17/99 10:38 | Equal Width Integrated | 3760 | 44 [1.3] | 49 | 68 |
| 12/20/99 14:58 | Dip | 1560 | 7.4 [0.2] | 8 | 72 |
| 1/6/00 10:57 | Equal Width Integrated | 1240 | 3.2 [0.1] | 4 | 80 |
| 1/22/00 10:25 | Equal Width Integrated | 927 | 2.6 [0.1] | 7 | 36 |
| 2/2/00 11:00 | Equal Width Integrated | 3810 | 47 [1.3] | 65 | 60 |
| 2/15/00 11:10 | Dip | 1990 | 5.5 [0.2] | 7 | 63 |
| 2/22/00 10:10 | Equal Width Integrated | 750 | 2 [0.1] | 5 | 36 |
| 2/22/00 15:55 | Dip | 835 | 2.2 [0.1] | 2 | 64 |
| 3/3/00 10:25 | Equal Width Integrated | 895 | 1.8 [0.1] | 1 | 94 |
| 3/16/00 12:16 | Equal Width Integrated | 1190 | 4.5 [0.1] | 3 | 82 |
| 4/5/00 12:45 | Equal Width Integrated | 895 | 1.1 [0] | 1 | 67 |
| 5/3/00 14:30 | Equal Width Integrated | 724 | 1.5 [0] | 5 | 48 |
| 6/12/00 12:40 | Equal Width Integrated | 6660 | 170 [4.8] | 249 | 56 |
| 6/12/00 15:30 | Dip | 5880 | 130 [3.7] | 118 | 71 |
| 6/13/00 9:35 | Dip | 2360 | 14 [0.4] | 21 | 49 |
| 6/14/00 18:25 | Equal Width Integrated | 1130 | 3.2 [0.1] | 3 | 79 |

| Date & Time | Sample Type | Turbidity (FNU) | Streamflow ($ft^3/s$) [$m^3/s$] | SSC (mg/L) | % Fines |
|---|---|---|---|---|---|
| 6/22/00 16:40 | Equal Width Integrated | 280 | 0.6 [0] | 2 | 61 |
| 10/20/00 20:00 | Dip | 1040 | 14 [0.4] | 17 | 92 |
| 10/20/00 23:00 | Dip | 1690 | 12 [0.3] | 26 | 78 |
| 11/8/00 12:30 | Equal Width Integrated | 544 | 2 [0.1] | 4 | 83 |
| 11/9/00 17:45 | Dip | 718 | 2.2 [0.1] | 2 | 64 |
| 11/27/00 11:30 | Dip | 1270 | 5.5 [0.2] | 14 | 74 |
| 11/29/00 15:50 | Equal Width Integrated | 685 | 1.4 [0] | 4 | 97 |
| 12/14/00 11:45 | Equal Width Integrated | 674 | 3.7 [0.1] | 8 | 59 |
| 12/15/00 9:05 | Equal Width Integrated | 2350 | 15 [0.4] | 24 | 73 |
| 12/23/00 10:00 | Equal Width Integrated | 2090 | 4.6 [0.1] | 9 | 67 |
| 12/27/00 14:15 | Equal Width Integrated | 870 | 1 [0] | 2 | 53 |
| 1/9/01 15:32 | Equal Width Integrated | 363 | 0.9 [0] | 1 | 77 |
| 1/23/01 15:22 | Equal Width Integrated | 720 | 0.5 [0] | 1 | 63 |
| 2/5/01 12:15 | Dip | 1500 | 3 [0.1] | 11 | 38 |
| 3/15/01 10:32 | Equal Width Integrated | 320 | 0.5 [0] | 3 | 47 |
| 3/15/01 19:30 | Equal Width Integrated | 375 | 1.7 [0.1] | 10 | 36 |
| 3/18/01 12:40 | Equal Width Integrated | 909 | 6.1 [0.2] | 8 | 82 |
| 3/19/01 9:40 | Equal Width Integrated | 2780 | 24 [0.7] | 47 | 59 |
| 3/19/01 16:33 | Equal Width Integrated | 2260 | 9.7 [0.3] | 18 | 54 |
| 3/19/01 17:14 | Dip | 2230 | 9.4 [0.3] | 15 | 52 |
| 3/28/01 9:32 | Dip | 1900 | 5.3 [0.2] | 8 | 54 |
| 3/28/01 9:58 | Equal Width Integrated | 1830 | 5.2 [0.2] | 8 | 65 |
| 3/28/01 16:05 | Dip | 1680 | 3.8 [0.1] | 5 | 73 |
| 4/17/01 16:12 | Equal Width Integrated | 906 | 0.8 [0] | 3 | 67 |
| 4/30/01 12:53 | Equal Width Integrated | 2010 | 16 [0.5] | 28 | 67 |
| 4/30/01 13:24 | Dip | 2320 | 26 [0.7] | 42 | 68 |
| 4/30/01 13:59 | Equal Width Integrated | 2850 | 41 [1.2] | 72 | 56 |
| 4/30/01 17:18 | Equal Width Integrated | 4520 | 110 [3.1] | 158 | 52 |
| 5/1/01 11:43 | Equal Width Integrated | 1920 | 8.2 [0.2] | 10 | 68 |
| 5/1/01 19:23 | Dip | 1610 | 3.7 [0.1] | 7 | 61 |
| 5/15/01 8:55 | Equal Width Integrated | 3030 | 18 [0.5] | 34 | 49 |
| 5/16/01 8:06 | Equal Width Integrated | 2660 | 9.1 [0.3] | 12 | 51 |
| 5/16/01 8:14 | Dip | 2660 | 8.6 [0.2] | 13 | 49 |
| 10/11/01 11:29 | Equal Width Integrated | 207 | 6.8 [0.2] | 9 | 94 |
| 10/23/01 12:06 | Equal Width Integrated | 1240 | 3.5 [0.1] | 2 | 43 |
| 10/31/01 19:24 | Equal Width Integrated | 2440 | 8.5 [0.2] | 14 | 62 |
| 11/14/01 11:55 | Equal Width Integrated | 2270 | 12 [0.3] | 18 | 55 |
| 11/14/01 12:50 | Dip | 2140 | 11 [0.3] | 15 | 52 |
| 11/22/01 18:45 | Dip | 5860 | 85 [2.4] | 227 | 43 |
| 11/23/01 9:31 | Equal Width Integrated | 3240 | 16 [0.5] | 23 | 62 |
| 11/23/01 9:46 | Dip | 3210 | 16 [0.5] | 29 | 54 |
| 11/29/01 11:56 | Equal Width Integrated | 3780 | 22 [0.6] | 25 | 63 |
| 11/29/01 12:19 | Dip | 3730 | 18 [0.5] | 30 | 51 |
| 12/6/01 12:15 | Equal Width Integrated | 3100 | 18 [0.5] | 29 | 52 |
| 12/13/01 13:58 | Equal Width Integrated | 4270 | 37 [1.1] | 58 | 56 |
| 12/14/01 11:55 | Equal Width Integrated | 4560 | 37 [1.1] | 59 | 44 |

| Date & Time | Sample Type | Turbidity (FNU) | Streamflow ($ft^3/s$) [$m^3/s$] | SSC (mg/L) | % Fines |
|---|---|---|---|---|---|
| 12/14/01 12:44 | Dip | 4430 | 34 [1] | 75 | 46 |
| 12/16/01 13:45 | Dip | 5940 | 49 [1.4] | 135 | 38 |
| 12/16/01 13:52 | Equal Width Integrated | 5980 | 49 [1.4] | 107 | 48 |
| 1/8/02 12:15 | Equal Width Integrated | 3560 | 16 [0.5] | 29 | 41 |
| 1/8/02 12:55 | Equal Width Integrated | 3540 | 16 [0.5] | 31 | 43 |
| 1/25/02 10:58 | Equal Width Integrated | 2470 | 17 [0.5] | 33 | 56 |
| 1/25/02 14:33 | Equal Width Integrated | 2820 | 18 [0.5] | 42 | 44 |
| 2/19/02 11:16 | Equal Width Integrated | 782 | 2.4 [0.1] | 2 | 71 |
| 3/12/02 14:10 | Equal Width Integrated | 2970 | 10 [0.3] | 20 | 51 |
| 3/12/02 15:05 | Dip | 2940 | 9.9 [0.3] | 18 | 49 |
| 4/14/02 11:30 | Dip | 5920 | 110 [3.1] | 193 | 53 |
| 12/12/02 14:32 | Equal Width Integrated | 830 | 1.9 [0.1] | 1 | 84 |
| 12/13/02 11:16 | Dip | 1140 | 2.8 [0.1] | 4 | 69 |
| 12/16/02 10:33 | Equal Width Integrated | 2130 | 19 [0.5] | 21 | 73 |
| 12/16/02 12:00 | Dip | 1960 | 16 [0.5] | 22 | 68 |
| 12/27/02 11:51 | Equal Width Integrated | 1760 | 11 [0.3] | 17 | 77 |
| 12/31/02 7:00 | Dip | 2680 | 20 [0.6] | 39 | 57 |
| 1/3/03 12:07 | Equal Width Integrated | 2330 | 10 [0.3] | 16 | 69 |
| 1/30/03 15:05 | Equal Width Integrated | 7670 | 90 [2.6] | 180 | 40 |
| 1/30/03 16:05 | Dip | 8400 | 100 [2.8] | 160 | 48 |
| 1/31/03 12:50 | Equal Width Integrated | 7050 | 63 [1.8] | 166 | 45 |
| 1/31/03 17:22 | Dip | 8120 | 75 [2.1] | 274 | 38 |
| 2/1/03 11:55 | Equal Width Integrated | 3910 | 23 [0.7] | 41 | 53 |
| 3/7/03 11:16 | Equal Width Integrated | 4360 | 42 [1.2] | 94 | 48 |
| 3/7/03 11:42 | Dip | 4290 | 41 [1.2] | 86 | 49 |
| 3/8/03 13:40 | Equal Width Integrated | 5200 | 33 [0.9] | 64 | 58 |
| 3/21/03 17:00 | Dip | 1940 | 24 [0.7] | 44 | 50 |
| 3/22/03 12:30 | Equal Width Integrated | 5940 | 44 [1.3] | 121 | 38 |
| 3/22/03 13:17 | Dip | 6180 | 46 [1.3] | 142 | 36 |
| 4/15/03 14:20 | Equal Width Integrated | 1030 | 1.1 [0] | 1 | 88 |
| 5/15/03 11:10 | Equal Width Integrated | 588 | 0.8 [0] | 2 | |
| 12/12/03 13:40 | Equal Width Integrated | 1800 | 9 [0.3] | 13 | 72 |
| 12/13/03 14:52 | Equal Width Integrated | 11000 | 180 [5.1] | 520 | 50 |
| 12/13/03 15:28 | Dip | 11400 | 190 [5.4] | 629 | 38 |
| 12/14/03 11:27 | Equal Width Integrated | 2820 | 21 [0.6] | 43 | 48 |
| 1/29/04 11:12 | Equal Width Integrated | 12100 | 210 [6] | 451 | 61 |
| 1/29/04 11:50 | Dip | 11500 | 200 [5.7] | 523 | 43 |
| 1/29/04 14:53 | Dip | 10400 | 170 [4.8] | 525 | 37 |
| 1/30/04 11:40 | Equal Width Integrated | 4440 | 68 [1.9] | 118 | 62 |
| 12/8/04 14:45 | Equal Width Integrated | 3260 | 37 [1.1] | 78 | 52 |
| 12/8/04 15:33 | Equal Width Integrated | 3100 | 38 [1.1] | 74 | 55 |
| 1/18/05 14:18 | Equal Width Integrated | 5090 | 52 [1.5] | 129 | 47 |
| 3/28/05 14:35 | Equal Width Integrated | 2750 | 13 [0.4] | 19 | 59 |
| 11/1/05 14:31 | Equal Width Integrated | 2360 | 14 [0.4] | 18 | |
| 1/11/06 17:28 | Dip | 4160 | 36 [1] | 65 | 55 |
| 1/17/06 14:45 | Equal Width Integrated | 4410 | 33 [0.9] | 72 | 44 |

| Date & Time | Sample Type | Turbidity (FNU) | Streamflow ($ft^3/s$) [$m^3/s$] | SSC (mg/L) | % Fines |
|---|---|---|---|---|---|
| 11/7/06 13:16 | Equal Width Integrated | 19200 | 410 [11.6] | 755 | 70 |
| 11/8/06 11:33 | Equal Width Integrated | 3090 | 88 [2.5] | 122 | 73 |
| 12/13/06 13:04 | Equal Width Integrated | 6090 | 150 [4.3] | 258 | 64 |
| 10/10/07 12:31 | Equal Width Integrated | 163 | 0.5 [0] | 2 | 59.1 |
| 12/4/07 13:35 | Equal Width Integrated | 4570 | 27 [0.8] | 41 | 60.8 |

## A.2 – Landslide Inventory

[Highlighted landslide is the Evans Creek Landslide. * were field checked. **Abbreviations**: °, degrees; ft; feet; $yd^3$, cubic yard; na, not available]

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Bagby Hot Springs_01 | Translational | High | Pre-Historic | Tba | 28 | 76 | 0 | 67 | Deep | 247.5 | 16 | 1737593 |
| Bagby Hot Springs_02 | Debris Flow | High | Pre-Historic | Tlm | 24 | 0 | 35 | 0 | na | 180.0 | 2 | 42549 |
| Bagby Hot Springs_03 | Debris Flow | High | Pre-Historic | Tlm | 23 | 0 | 35 | 0 | na | 0.0 | 2 | 31001 |
| Bagby Hot Springs_04 | Debris Flow | Moderate | Pre-Historic | Tum | 25 | 0 | 20 | 0 | na | 225.0 | 11 | 120229 |
| Battle Ax_01 | Debris Flow | High | Pre-Historic | Tum | 26 | 0 | 40 | 0 | na | 270.0 | 2 | 47086 |
| Battle Ax_02 | Earth Flow | High | Historic | Tum | 40 | 60 | 0 | 46 | Deep | 270.0 | 16 | 1206304 |
| Battle Ax_03 | Complex | Low | Pre-Historic | Tsa1 | 28 | 40 | 0 | 35 | Deep | 225.0 | 21 | 1169337 |
| Battle Ax_04 | Debris Flow | Moderate | Pre-Historic | Qgf | 20 | 0 | 30 | 0 | na | 112.5 | 3 | 54554 |
| Battle Ax_05 | Earth Flow | High | Pre-Historic | Qyt | 38 | 40 | 0 | 32 | Deep | 202.5 | 4 | 223206 |
| Battle Ax_06 | Earth Flow | High | Historic | Tr | 25 | 60 | 0 | 54 | Deep | 337.5 | 11 | 1002078 |
| Battle Ax_07 | Rotational | High | Pre-Historic | Tr | 27 | 60 | 0 | 53 | Deep | 0.0 | 10 | 897341 |
| Battle Ax_08 | Translational | High | Pre-Historic | Tr | 22 | 15 | 0 | 14 | Shallow | 247.5 | 24 | 538504 |
| Battle Ax_09 | Earth Flow | Low | Pre-Historic | Tr | 22 | 40 | 0 | 37 | Deep | 247.5 | 14 | 809800 |
| Battle Ax_10 | Earth Flow | Low | Pre-Historic | Tr | 21 | 22 | 0 | 21 | Deep | 225.0 | 6 | 212614 |
| Battle Ax_11 | Earth Flow | High | Pre-Historic | Tiha | 30 | 16 | 0 | 14 | Shallow | 270.0 | 17 | 373667 |
| Battle Ax_12 | Earth Flow | Low | Pre-Historic | Tiha | 30 | 30 | 0 | 26 | Deep | 270.0 | 5 | 228857 |
| Battle Ax_13 | Earth Flow | High | Pre-Historic | Tu | 28 | 40 | 0 | 35 | Deep | 67.5 | 6 | 364208 |
| Battle Ax_14 | Rock Fall | Moderate | Pre-Historic | Tum | 35 | 0 | 40 | 0 | na | 135.0 | 8 | 176148 |
| Battle Ax_15 | Debris Flow | Moderate | Pre-Historic | Tum | 34 | 0 | 40 | 0 | na | 202.5 | 3 | 69516 |
| Battle Ax_16 | Earth Flow | High | Pre-Historic | Tu | 22 | 60 | 0 | 56 | Deep | 45.0 | 14 | 1216959 |
| Battle Ax_17 | Earth Flow | High | Historic | Tiha | 30 | 35 | 0 | 30 | Deep | 67.5 | 21 | 1013933 |
| Battle Ax_18 | Earth Flow | High | Historic | Tu | 20 | 15 | 0 | 14 | Shallow | 90.0 | 3 | 61263 |
| Battle Ax_19 | Earth Flow | High | Pre-Historic | Tu | 30 | 60 | 0 | 52 | Deep | 45.0 | 15 | 1288985 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Battle Ax_20 | Earth Flow | High | Historic | Qgf | 15 | 40 | 0 | 39 | Deep | 45.0 | 2 | 148347 |
| Battle Ax_21 | Earth Flow | High | Pre-Historic | Tu | 28 | 17 | 0 | 15 | Shallow | 67.5 | 5 | 116217 |
| Battle Ax_22 | Earth Flow | High | Pre-Historic | Tu | 32 | 15 | 0 | 13 | Shallow | 112.5 | 5 | 104016 |
| Battle Ax_23 | Earth Flow | High | Pre-Historic | Tu | 25 | 75 | 0 | 68 | Deep | 67.5 | 25 | 2772948 |
| Battle Ax_24 | Earth Flow | High | Pre-Historic | Tba | 28 | 30 | 0 | 26 | Deep | 270.0 | 17 | 747504 |
| Battle Ax_25 | Debris Flow | Moderate | Pre-Historic | Tu | 30 | 0 | 35 | 0 | na | 90.0 | 9 | 164201 |
| Battle Ax_26 | Earth Flow | High | Historic | Tu | 20 | 80 | 0 | 75 | Deep | 270.0 | 47 | 5665000 |
| Battle Ax_27 | Earth Flow | Moderate | Pre-Historic | Tu | 25 | 30 | 0 | 27 | Deep | 67.5 | 10 | 449056 |
| Battle Ax_28 | Debris Flow | Moderate | Pre-Historic | Qgf | 15 | 0 | 35 | 0 | na | 90.0 | 1 | 14700 |
| Battle Ax_29 | Debris Flow | Moderate | Pre-Historic | Qgf | 26 | 0 | 35 | 0 | na | 270.0 | 20 | 368384 |
| Battle Ax_30 | Earth Flow | Moderate | Pre-Historic | Tiha | 25 | 8 | 0 | 7 | Shallow | 45.0 | 13 | 148190 |
| Battle Ax_31 | Earth Flow | High | Pre-Historic | Tba | 36 | 30 | 0 | 24 | Deep | 247.5 | 44 | 1717330 |
| Battle Ax_32 | Earth Flow | Moderate | Pre-Historic | Tu | 18 | 80 | 0 | 76 | Deep | 45.0 | 29 | 3512156 |
| Battle Ax_33 | Debris Flow | Moderate | Pre-Historic | Tu | 27 | 0 | 25 | 0 | na | 90.0 | 2 | 29373 |
| Battle Ax_34 | Debris Flow | Moderate | Pre-Historic | Tba | 25 | 0 | 10 | 0 | na | 292.5 | 1 | 6653 |
| Battle Ax_35 | Earth Flow | High | Pre-Historic | Tum | 26 | 20 | 0 | 18 | Deep | 157.5 | 45 | 1293252 |
| Battle Ax_36 | Earth Flow | Moderate | Pre-Historic | Tlm | 28 | 120 | 0 | 106 | Deep | 247.5 | 11 | 1934926 |
| Battle Ax_37 | Translational | High | Pre-Historic | Tum | 30 | 15 | 0 | 13 | Shallow | 225.0 | 131 | 2745544 |
| Battle Ax_38 | Earth Flow | High | Pre-Historic | Tum | 30 | 15 | 0 | 13 | Shallow | 180.0 | 8 | 172831 |
| Battle Ax_39* | Earth Flow | High | Historic | Qls | 40 | 60 | 0 | 46 | Deep | 247.5 | 97 | 7203852 |
| Battle Ax_40* | Translational | Moderate | Pre-Historic | Tum | 35 | 14 | 0 | 11 | Shallow | 247.5 | 100 | 1843448 |
| Battle Ax_41 | Debris Flow | Moderate | Pre-Historic | Tu | 35 | 0 | 25 | 0 | na | 292.5 | 2 | 28831 |
| Battle Ax_42 | Debris Flow | Moderate | Pre-Historic | Qgf | 38 | 0 | 40 | 0 | na | 270.0 | 2 | 40999 |
| Battle Ax_43 | Debris Flow | Moderate | Pre-Historic | Tu | 24 | 0 | 40 | 0 | na | 22.5 | 1 | 27300 |
| Battle Ax_44 | Debris Flow | High | Historic | Tiha | 40 | 0 | 25 | 0 | na | 292.5 | 19 | 254289 |
| Battle Ax_45 | Debris Flow | Moderate | Historic | Qyt | 16 | 0 | 20 | 0 | na | 225.0 | 4 | 38020 |
| Battle Ax_46 | Earth Flow | High | Pre-Historic | Tr | 24 | 18 | 0 | 16 | Deep | 202.5 | 2 | 62552 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Battle Ax_47 | Debris Flow | Moderate | Pre-Historic | Tu | 35 | 0 | 10 | 0 | na | 337.5 | 1 | 5755 |
| Battle Ax_48 | Debris Flow | Moderate | Pre-Historic | Tu | 30 | 0 | 15 | 0 | na | 135.0 | 1 | 8054 |
| Battle Ax_49 | Debris Flow | High | Pre-Historic | Tu | 30 | 0 | 15 | 0 | na | 135.0 | 6 | 51411 |
| Battle Ax_50 | Debris Flow | High | Pre-Historic | Tu | 28 | 0 | 15 | 0 | na | 90.0 | 4 | 31818 |
| Battle Ax_51 | Debris Flow | Moderate | Pre-Historic | Qgf | 16 | 0 | 17 | 0 | na | 292.5 | 1 | 8634 |
| Battle Ax_52 | Debris Flow | Moderate | Pre-Historic | Tu | 28 | 0 | 15 | 0 | na | 112.5 | 5 | 40378 |
| Battle Ax_53 | Rock Fall | High | Historic | Tb | 30 | 45 | 0 | 39 | Deep | 247.5 | 27 | 1701804 |
| Battle Ax_54 | Debris Flow | Moderate | Pre-Historic | Tlm | 10 | 0 | 25 | 0 | na | 45.0 | 17 | 221507 |
| Battle Ax_55 | Debris Flow | Moderate | Pre-Historic | Tlm | 10 | 0 | 40 | 0 | na | 45.0 | 10 | 205717 |
| Battle Ax_56 | Debris Flow | Moderate | Pre-Historic | Tlm | 10 | 0 | 30 | 0 | na | 225.0 | 11 | 173901 |
| Battle Ax_57 | Debris Flow | Moderate | Pre-Historic | Tlm | 13 | 0 | 35 | 0 | na | 45.0 | 6 | 106727 |
| Battle Ax_58 | Debris Flow | Moderate | Pre-Historic | Tlm | 10 | 0 | 35 | 0 | na | 202.5 | 6 | 116873 |
| Battle Ax_59 | Debris Flow | Moderate | Historic | Tlm | 30 | 0 | 20 | 0 | na | 225.0 | 5 | 53565 |
| Battle Ax_60 | Debris Flow | Moderate | Pre-Historic | Qyt | 11 | 0 | 30 | 0 | na | 292.5 | 1 | 17449 |
| Battle Ax_61 | Debris Flow | Moderate | Pre-Historic | Qyt | 15 | 0 | 20 | 0 | na | 22.5 | 1 | 13491 |
| Battle Ax_62 | Debris Flow | Moderate | Pre-Historic | Qyt | 7 | 0 | 25 | 0 | na | 45.0 | 1 | 15489 |
| Battle Ax_63 | Debris Flow | High | Historic | Qyt | 24 | 0 | 10 | 0 | na | 225.0 | 5 | 29131 |
| Battle Ax_64 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 30 | 0 | na | 270.0 | 1 | 20220 |
| Battle Ax_65 | Debris Flow | Moderate | Pre-Historic | Tu | 14 | 0 | 35 | 0 | na | 45.0 | 1 | 16013 |
| Battle Ax_66 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 25 | 0 | na | 337.5 | 1 | 13014 |
| Battle Ax_67 | Debris Flow | Moderate | Pre-Historic | Tu | 18 | 0 | 20 | 0 | na | 45.0 | 1 | 10499 |
| Battle Ax_68 | Debris Flow | High | Pre-Historic | Tu | 20 | 0 | 30 | 0 | na | 225.0 | 6 | 93205 |
| Battle Ax_69 | Debris Flow | Moderate | Pre-Historic | Tu | 25 | 0 | 8 | 0 | na | 22.5 | 2 | 10621 |
| Battle Ax_70 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 20 | 0 | na | 337.5 | 3 | 27185 |
| Battle Ax_71 | Debris Flow | Moderate | Pre-Historic | Tu | 18 | 0 | 10 | 0 | na | 45.0 | 3 | 13842 |
| Battle Ax_72 | Debris Flow | Moderate | Pre-Historic | Tba | 24 | 0 | 45 | 0 | na | 270.0 | 1 | 12778 |
| Battle Ax_73 | Debris Flow | Moderate | Pre-Historic | Tu | 25 | 0 | 30 | 0 | na | 22.5 | 1 | 14738 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Battle Ax_74 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 40 | 0 | na | 22.5 | 1 | 23292 |
| Battle Ax_75 | Debris Flow | Moderate | Pre-Historic | Qgf | 20 | 0 | 45 | 0 | na | 315.0 | 1 | 35666 |
| Battle Ax_76 | Debris Flow | Moderate | Pre-Historic | Qgf | 15 | 0 | 40 | 0 | na | 22.5 | 3 | 73941 |
| Battle Ax_77 | Debris Flow | Moderate | Pre-Historic | Qgf | 20 | 0 | 35 | 0 | na | 315.0 | 3 | 50534 |
| Battle Ax_78 | Debris Flow | Moderate | Pre-Historic | Qgf | 23 | 0 | 40 | 0 | na | 315.0 | 2 | 33926 |
| Battle Ax_79 | Debris Flow | Moderate | Pre-Historic | Qgf | 22 | 0 | 35 | 0 | na | 315.0 | 1 | 10652 |
| Battle Ax_80 | Debris Flow | Moderate | Pre-Historic | Qgf | 22 | 0 | 10 | 0 | na | 315.0 | 2 | 10979 |
| Battle Ax_81 | Debris Flow | Moderate | Historic | Qgf | 20 | 0 | 45 | 0 | na | 315.0 | 1 | 20612 |
| Battle Ax_82 | Debris Flow | Moderate | Pre-Historic | Qgf | 20 | 0 | 45 | 0 | na | 315.0 | 1 | 19955 |
| Battle Ax_83 | Debris Flow | Moderate | Pre-Historic | Qgf | 20 | 0 | 40 | 0 | na | 315.0 | 2 | 33519 |
| Elkhorn_01 | Rock Fall | Moderate | Pre-Historic | Tu | 35 | 0 | 150 | 0 | na | 180.0 | 151 | 12094444 |
| Elkhorn_02 | Rock Fall | Moderate | Historic | Tu | 32 | 0 | 15 | 0 | na | 0.0 | 3 | 20962 |
| Elkhorn_03 | Rock Fall | Moderate | Historic | Tu | 50 | 0 | 25 | 0 | na | 135.0 | 2 | 32147 |
| Elkhorn_04 | Rock Fall | Low | Historic | Tu | 45 | 0 | 35 | 0 | na | 45.0 | 6 | 103262 |
| Elkhorn_05 | Earth Flow | Moderate | Historic | Tu | 30 | 40 | 0 | 35 | Deep | 315.0 | 9 | 479044 |
| Elkhorn_06 | Earth Flow | Moderate | Historic | Tu | 30 | 25 | 0 | 22 | Deep | 202.5 | 20 | 708548 |
| Elkhorn_07 | Debris Flow | High | Pre-Historic | Tu | 30 | 0 | 20 | 0 | na | 202.5 | 14 | 151330 |
| Elkhorn_08 | Rock Fall | High | Pre-Historic | Tu | 30 | 0 | 10 | 0 | na | 202.5 | 6 | 32722 |
| Elkhorn_09 | Rock Fall | High | Pre-Historic | Tu | 30 | 0 | 10 | 0 | na | 202.5 | 5 | 27056 |
| Elkhorn_10 | Rock Fall | High | Pre-Historic | Tu | 30 | 0 | 15 | 0 | na | 202.5 | 4 | 32907 |
| Elkhorn_11 | Debris Flow | High | Pre-Historic | Tu | 25 | 0 | 45 | 0 | na | 180.0 | 5 | 117053 |
| Elkhorn_12 | Rock Fall | High | Pre-Historic | Tu | 28 | 0 | 40 | 0 | na | 180.0 | 4 | 89238 |
| Elkhorn_13 | Rock Fall | High | Pre-Historic | Tu | 25 | 0 | 40 | 0 | na | 202.5 | 56 | 1183156 |
| Elkhorn_14 | Debris Flow | Moderate | Pre-Historic | Tu | 23 | 0 | 45 | 0 | na | 180.0 | 4 | 102254 |
| Elkhorn_15 | Debris Flow | Moderate | Pre-Historic | Tu | 25 | 0 | 45 | 0 | na | 0.0 | 5 | 107881 |
| Elkhorn_16 | Debris Flow | Moderate | Pre-Historic | Tu | 18 | 0 | 30 | 0 | na | 0.0 | 40 | 632937 |
| Elkhorn_17 | Rotational | Moderate | Pre-Historic | Tfc | 28 | 20 | 0 | 18 | Deep | 112.5 | 219 | 6233963 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Elkhorn_18 | Earth Flow | Moderate | Pre-Historic | Tfc | 20 | 30 | 0 | 28 | Deep | 225.0 | 123 | 5577667 |
| Elkhorn_19 | Earth Flow | Moderate | Pre-Historic | Tu | 16 | 30 | 0 | 29 | Deep | 180.0 | 15 | 674678 |
| Elkhorn_20* | Earth Flow | High | Historic | Tu | 40 | 40 | 0 | 31 | Deep | 202.5 | 6 | 294276 |
| Elkhorn_21* | Earth Flow | High | Historic | Tfc | 35 | 30 | 0 | 25 | Deep | 247.5 | 23 | 910722 |
| Elkhorn_22* | Earth Flow | High | Historic | Tu | 28 | 20 | 0 | 18 | Deep | 337.5 | 27 | 760256 |
| Elkhorn_23 | Earth Flow | Moderate | Pre-Historic | Tu | 40 | 50 | 0 | 38 | Deep | 270.0 | 39 | 2437141 |
| Elkhorn_24* | Earth Flow | High | Historic | Tu | 33 | 80 | 0 | 67 | Deep | 315.0 | 33 | 3549811 |
| Elkhorn_25 | Complex | High | Historic | Qls | 20 | 70 | 0 | 66 | Deep | 0.0 | 689 | 73110000 |
| Elkhorn_26 | Earth Flow | High | Pre-Historic | Tu | 30 | 19 | 0 | 16 | Deep | 0.0 | 1 | 26930 |
| Elkhorn_27 | Earth Flow | High | Pre-Historic | Qls | 26 | 10 | 0 | 9 | Shallow | 135.0 | 1 | 14319 |
| Elkhorn_28 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 10 | 0 | na | 270.0 | 2 | 12458 |
| Elkhorn_29 | Debris Flow | Moderate | Pre-Historic | Tu | 25 | 0 | 20 | 0 | na | 292.5 | 3 | 37240 |
| Elkhorn_30 | Debris Flow | High | Historic | Tu | 33 | 0 | 40 | 0 | na | 0.0 | 2 | 42724 |
| Elkhorn_31 | Debris Flow | Moderate | Pre-Historic | Tu | 19 | 0 | 35 | 0 | na | 315.0 | 1 | 22246 |
| Elkhorn_32 | Debris Flow | Moderate | Pre-Historic | Tu | 22 | 0 | 40 | 0 | na | 270.0 | 4 | 79606 |
| Elkhorn_33 | Debris Flow | High | Pre-Historic | Tu | 20 | 0 | 30 | 0 | na | 270.0 | 8 | 121911 |
| Elkhorn_34 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 35 | 0 | na | 270.0 | 1 | 24240 |
| Elkhorn_35* | Earth Flow | High | Historic | Qls | 20 | 34 | 0 | 32 | Deep | 135.0 | 343 | 17667926 |
| Elkhorn_36 | Earth Flow | High | Historic | Tu | 30 | 40 | 0 | 35 | Deep | 247.5 | 4 | 229840 |
| Elkhorn_37* | Earth Flow | High | Pre-Historic | Tu | 14 | 20 | 0 | 19 | Deep | 67.5 | 6 | 178421 |
| Elkhorn_38 | Earth Flow | High | Pre-Historic | Tu | 39 | 35 | 0 | 27 | Deep | 45.0 | 2 | 107699 |
| Elkhorn_39 | Earth Flow | Moderate | Pre-Historic | Tu | 32 | 50 | 0 | 42 | Deep | 45.0 | 16 | 1085919 |
| Elkhorn_40 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 10 | 0 | na | 315.0 | 1 | 3990 |
| Elkhorn_41 | Debris Flow | Moderate | Pre-Historic | Tu | 7 | 0 | 25 | 0 | na | 0.0 | 1 | 8487 |
| Elkhorn_42 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 35 | 0 | na | 22.5 | 10 | 177648 |
| Elkhorn_43 | Debris Flow | Moderate | Pre-Historic | Tu | 10 | 0 | 15 | 0 | na | 22.5 | 1 | 10392 |
| Elkhorn_44 | Debris Flow | Moderate | Pre-Historic | Tu | 8 | 0 | 25 | 0 | na | 180.0 | 49 | 653574 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Elkhorn_45 | Debris Flow | Moderate | Pre-Historic | Tu | 8 | 0 | 35 | 0 | na | 157.5 | 30 | 565841 |
| Elkhorn_46 | Debris Flow | Moderate | Pre-Historic | Qt | 12 | 0 | 35 | 0 | na | 292.5 | 16 | 298866 |
| Elkhorn_47 | Debris Flow | High | Historic | Tu | 33 | 0 | 20 | 0 | na | 157.5 | 11 | 121500 |
| Elkhorn_48 | Debris Flow | Moderate | Pre-Historic | Tu | 36 | 0 | 25 | 0 | na | 22.5 | 1 | 10633 |
| Elkhorn_49 | Debris Flow | High | Historic | Tu | 34 | 0 | 25 | 0 | na | 202.5 | 1 | 11434 |
| Elkhorn_50 | Rock Fall | Moderate | Historic | Tu | 36 | 0 | 30 | 0 | na | 180.0 | 4 | 70558 |
| Elkhorn_51 | Rock Fall | Moderate | Historic | Tu | 37 | 0 | 20 | 0 | na | 157.5 | 3 | 28768 |
| Elkhorn_52 | Debris Flow | Moderate | Pre-Historic | Tu | 5 | 0 | 35 | 0 | na | 22.5 | 6 | 112573 |
| Elkhorn_53 | Debris Flow | Moderate | Pre-Historic | Tlm | 30 | 0 | 45 | 0 | na | 247.5 | 2 | 55954 |
| Elkhorn_54 | Debris Flow | Moderate | Pre-Historic | Tlm | 31 | 0 | 35 | 0 | na | 157.5 | 4 | 67355 |
| Elkhorn_55 | Debris Flow | High | Historic | Tu | 30 | 0 | 30 | 0 | na | 135.0 | 18 | 293663 |
| Elkhorn_56 | Debris Flow | High | Historic | Tu | 30 | 0 | 40 | 0 | na | 135.0 | 13 | 269553 |
| Elkhorn_57 | Debris Flow | High | Historic | Tu | 30 | 0 | 25 | 0 | na | 67.5 | 3 | 37137 |
| Elkhorn_58 | Debris Flow | High | Historic | Tu | 15 | 0 | 40 | 0 | na | 202.5 | 11 | 234909 |
| Elkhorn_59 | Debris Flow | High | Historic | Tu | 28 | 0 | 40 | 0 | na | 202.5 | 5 | 96213 |
| Elkhorn_60 | Debris Flow | High | Historic | Tu | 32 | 0 | 30 | 0 | na | 22.5 | 6 | 96415 |
| Elkhorn_61 | Debris Flow | High | Historic | Tu | 32 | 0 | 35 | 0 | na | 0.0 | 4 | 70445 |
| Elkhorn_62 | Debris Flow | High | Historic | Tu | 32 | 0 | 35 | 0 | na | 0.0 | 3 | 48226 |
| Elkhorn_63 | Debris Flow | High | Historic | Tu | 13 | 0 | 25 | 0 | na | 315.0 | 2 | 23914 |
| Elkhorn_64 | Debris Flow | Moderate | Pre-Historic | Tu | 38 | 0 | 35 | 0 | na | 22.5 | 2 | 28541 |
| Elkhorn_65 | Debris Flow | Moderate | Pre-Historic | Tu | 30 | 0 | 45 | 0 | na | 67.5 | 3 | 64241 |
| Elkhorn_66 | Debris Flow | Moderate | Pre-Historic | Tu | 35 | 0 | 35 | 0 | na | 315.0 | 2 | 37612 |
| Elkhorn_67 | Debris Flow | Moderate | Pre-Historic | Tu | 35 | 0 | 20 | 0 | na | 315.0 | 1 | 8794 |
| Elkhorn_68 | Debris Flow | Moderate | Pre-Historic | Tu | 8 | 0 | 15 | 0 | na | 337.5 | 1 | 7962 |
| Elkhorn_69 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 20 | 0 | na | 157.5 | 4 | 39054 |
| Elkhorn_70 | Debris Flow | Moderate | Pre-Historic | Qt | 25 | 0 | 30 | 0 | na | 0.0 | 4 | 63877 |
| Elkhorn_71 | Debris Flow | Moderate | Pre-Historic | Qt | 25 | 0 | 20 | 0 | na | 337.5 | 1 | 11568 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Elkhorn_72 | Debris Flow | Moderate | Pre-Historic | Qt | 22 | 0 | 50 | 0 | na | 315.0 | 15 | 391719 |
| Elkhorn_73 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 25 | 0 | na | 315.0 | 4 | 50527 |
| Elkhorn_74 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 25 | 0 | na | 315.0 | 6 | 76583 |
| Elkhorn_75 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 20 | 0 | na | 337.5 | 2 | 20508 |
| Elkhorn_76 | Debris Flow | Moderate | Pre-Historic | Qls | 25 | 0 | 40 | 0 | na | 315.0 | 38 | 805678 |
| Elkhorn_77 | Debris Flow | Moderate | Pre-Historic | Qls | 10 | 0 | 10 | 0 | na | 157.5 | 2 | 8406 |
| Elkhorn_78 | Debris Flow | Moderate | Pre-Historic | Qls | 3 | 0 | 14 | 0 | na | 157.5 | 5 | 37479 |
| Elkhorn_79 | Debris Flow | Moderate | Pre-Historic | Tu | 5 | 0 | 14 | 0 | na | 202.5 | 9 | 68378 |
| Elkhorn_80 | Debris Flow | Moderate | Pre-Historic | Tu | 4 | 0 | 20 | 0 | na | 180.0 | 4 | 41638 |
| Elkhorn_81 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 25 | 0 | na | 202.5 | 4 | 57614 |
| Elkhorn_82 | Debris Flow | Moderate | Pre-Historic | Tu | 10 | 0 | 45 | 0 | na | 180.0 | 50 | 1196437 |
| Lyons_01* | Complex | High | Historic | Qls | 15 | 100 | 0 | 97 | Deep | 180.0 | 1341 | 209034074 |
| Lyons_02 | Earth Flow | Moderate | Historic | Tba | 20 | 120 | 0 | 113 | Deep | 225.0 | 40 | 7194407 |
| Lyons_03 | Complex | High | Historic | Tba | 20 | 70 | 0 | 66 | Deep | 157.5 | 111 | 11821037 |
| Lyons_04 | Earth Flow | High | Historic | Tc | 22 | 60 | 0 | 56 | Deep | 180.0 | 9 | 796004 |
| Lyons_05 | Earth Flow | High | Historic | Tu | 20 | 40 | 0 | 38 | Deep | 180.0 | 104 | 6290593 |
| Lyons_06 | Earth Flow | Moderate | Historic | Tu | 20 | 16 | 0 | 15 | Shallow | 157.5 | 7 | 170794 |
| Lyons_07 | Earth Flow | High | Pre-Historic | Tu | 25 | 35 | 0 | 32 | Deep | 0.0 | 71 | 3633174 |
| Lyons_08 | Complex | High | Historic | Tc | 18 | 20 | 0 | 19 | Deep | 180.0 | 370 | 11350222 |
| Lyons_09 | Complex | High | Historic | Tfc | 15 | 60 | 0 | 58 | Deep | 180.0 | 426 | 39811852 |
| Lyons_10 | Complex | High | Historic | Qls | 15 | 80 | 0 | 77 | Deep | 0.0 | 553 | 68957037 |
| Lyons_11* | Earth Flow | Moderate | Pre-Historic | Qls | 20 | 100 | 0 | 94 | Deep | 157.5 | 87 | 13180222 |
| Lyons_12 | Earth Flow | High | Historic | Qls | 25 | 40 | 0 | 36 | Deep | 180.0 | 10 | 568967 |
| Lyons_13 | Earth Flow | Moderate | Pre-Historic | Qls | 37 | 40 | 0 | 32 | Deep | 337.5 | 10 | 498459 |
| Lyons_14 | Rotational | Moderate | Pre-Historic | Qt | 44 | 50 | 0 | 36 | Deep | 45.0 | 5 | 294108 |
| Lyons_15 | Earth Flow | High | Historic | Tu | 20 | 20 | 0 | 19 | Deep | 202.5 | 7 | 206951 |
| Lyons_16* | Earth Flow | High | Historic | Tu | 20 | 20 | 0 | 19 | Deep | 202.5 | 3 | 101460 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Lyons_17* | Earth Flow | High | Historic | Tu | 20 | 20 | 0 | 19 | Deep | 202.5 | 20 | 606600 |
| Lyons_18* | Complex | High | Historic | Tu | 20 | 60 | 0 | 56 | Deep | 202.5 | 114 | 10335778 |
| Lyons_19 | Earth Flow | High | Historic | Tba | 12 | 30 | 0 | 29 | Deep | 180.0 | 17 | 797011 |
| Lyons_20 | Earth Flow | Moderate | Pre-Historic | Tu | 28 | 100 | 0 | 88 | Deep | 22.5 | 64 | 9106407 |
| Lyons_21* | Earth Flow | High | Historic | Tu | 30 | 60 | 0 | 52 | Deep | 225.0 | 10 | 847400 |
| Lyons_22 | Debris Flow | High | Historic | Qau | 3 | 0 | 15 | 0 | na | 0.0 | 2 | 12570 |
| Lyons_23 | Debris Flow | Moderate | Pre-Historic | Qal | 8 | 0 | 10 | 0 | na | 315.0 | 14 | 76769 |
| Lyons_24 | Debris Flow | Moderate | Pre-Historic | Qau | 3 | 0 | 15 | 0 | na | 22.5 | 2 | 14870 |
| Lyons_25 | Debris Flow | Moderate | Pre-Historic | Qau | 3 | 0 | 15 | 0 | na | 0.0 | 1 | 7465 |
| Lyons_26 | Debris Flow | Moderate | Pre-Historic | Tu | 22 | 0 | 30 | 0 | na | 337.5 | 6 | 95154 |
| Lyons_27 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 20 | 0 | na | 337.5 | 2 | 17351 |
| Lyons_28 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 25 | 0 | na | 337.5 | 1 | 10578 |
| Lyons_29 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 20 | 0 | na | 0.0 | 4 | 43762 |
| Lyons_30 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 25 | 0 | na | 0.0 | 2 | 29293 |
| Lyons_31 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 15 | 0 | na | 0.0 | 1 | 6680 |
| Lyons_32 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 30 | 0 | na | 337.5 | 1 | 13645 |
| Lyons_33 | Debris Flow | Moderate | Pre-Historic | Qls | 8 | 0 | 20 | 0 | na | 270.0 | 3 | 31394 |
| Lyons_34 | Debris Flow | Moderate | Pre-Historic | Qt | 10 | 0 | 20 | 0 | na | 337.5 | 1 | 10541 |
| Lyons_35 | Debris Flow | Moderate | Pre-Historic | Qls | 5 | 0 | 15 | 0 | na | 157.5 | 2 | 14464 |
| Lyons_36 | Debris Flow | Moderate | Pre-Historic | Qls | 3 | 0 | 35 | 0 | na | 202.5 | 16 | 295806 |
| Lyons_37 | Debris Flow | High | Historic | Tba | 5 | 0 | 15 | 0 | na | 225.0 | 1 | 5294 |
| Lyons_38 | Debris Flow | High | Historic | Tba | 7 | 0 | 40 | 0 | na | 157.5 | 2 | 32514 |
| Lyons_39 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 40 | 0 | na | 22.5 | 7 | 143187 |
| Lyons_40 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 10 | 0 | na | 22.5 | 1 | 5583 |
| Lyons_41 | Debris Flow | High | Pre-Historic | Tu | 6 | 0 | 25 | 0 | na | 202.5 | 2 | 28115 |
| Lyons_42 | Debris Flow | High | Pre-Historic | Tu | 6 | 0 | 25 | 0 | na | 202.5 | 2 | 21856 |
| Lyons_43 | Earth Flow | High | Pre-Historic | Tc | 25 | 10 | 0 | 9 | Shallow | 157.5 | 5 | 74152 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Lyons_44 | Earth Flow | High | Pre-Historic | Tba | 20 | 30 | 0 | 28 | Deep | 180.0 | 11 | 515585 |
| Lyons_45 | Earth Flow | High | Pre-Historic | Tc | 20 | 15 | 0 | 14 | Shallow | 180.0 | 13 | 294642 |
| Lyons_46* | Rotational | Moderate | Pre-Historic | Tu | 22 | 15 | 0 | 14 | Shallow | 180.0 | 15 | 335949 |
| Lyons_47 | Earth Flow | High | Pre-Historic | Tu | 25 | 40 | 0 | 36 | Deep | 90.0 | 10 | 576285 |
| Lyons_48 | Earth Flow | Moderate | Pre-Historic | Tu | 18 | 20 | 0 | 19 | Deep | 67.5 | 3 | 79890 |
| Lyons_49 | Earth Flow | High | Pre-Historic | Tu | 15 | 25 | 0 | 24 | Deep | 67.5 | 11 | 444822 |
| Lyons_50 | Earth Flow | Moderate | Pre-Historic | Tu | 24 | 20 | 0 | 18 | Deep | 45.0 | 11 | 333857 |
| Lyons_51 | Earth Flow | High | Pre-Historic | Qls | 26 | 60 | 0 | 54 | Deep | 292.5 | 17 | 1507385 |
| Lyons_52 | Earth Flow | High | Pre-Historic | Tu | 20 | 30 | 0 | 28 | Deep | 270.0 | 4 | 181066 |
| Lyons_53 | Earth Flow | High | Pre-Historic | Qt | 10 | 40 | 0 | 39 | Deep | 337.5 | 22 | 1366507 |
| Lyons_54 | Earth Flow | High | Historic | Tu | 15 | 50 | 0 | 48 | Deep | 90.0 | 24 | 1907230 |
| Lyons_55 | Rotational | High | Historic | Tba | 24 | 20 | 0 | 18 | Deep | 180.0 | 2 | 47485 |
| Mill City North_01 | Earth Flow | High | Pre-Historic | Qt | 37 | 20 | 0 | 16 | Deep | 22.5 | 5 | 135988 |
| Mill City North_02 | Earth Flow | High | Historic | Tu | 28 | 70 | 0 | 62 | Deep | 225.0 | 44 | 4396111 |
| Mill City North_03 | Earth Flow | Low | Pre-Historic | Tu | 16 | 40 | 0 | 38 | Deep | 225.0 | 29 | 1812633 |
| Mill City North_04 | Earth Flow | High | Pre-Historic | Qls | 28 | 21 | 0 | 19 | Deep | 22.5 | 9 | 263682 |
| Mill City North_05 | Rotational | Low | Pre-Historic | Tu | 25 | 60 | 0 | 54 | Deep | 0.0 | 16 | 1417574 |
| Mill City North_06 | Earth Flow | Moderate | Pre-Historic | Tu | 18 | 40 | 0 | 38 | Deep | 180.0 | 2 | 149544 |
| Mill City North_07 | Earth Flow | High | Historic | Qls | 20 | 29 | 0 | 27 | Deep | 112.5 | 42 | 1845781 |
| Mill City North_08* | Earth Flow | Moderate | Historic | Qls | 15 | 20 | 0 | 19 | Deep | 202.5 | 8 | 253648 |
| Mill City North_09* | Complex | High | Pre-Historic | Qls | 15 | 800 | 0 | 773 | Deep | 135.0 | 1776 | 2213600000 |
| Mill City North_10* | Earth Flow | High | Historic | Qls | 15 | 70 | 0 | 68 | Deep | 135.0 | 1109 | 121023704 |
| Mill City North_11 | Earth Flow | High | Pre-Historic | Qls | 13 | 15 | 0 | 15 | Shallow | 90.0 | 4 | 99641 |
| Mill City North_12 | Earth Flow | High | Pre-Historic | Tu | 21 | 60 | 0 | 56 | Deep | 22.5 | 53 | 4753667 |
| Mill City North_13 | Earth Flow | Moderate | Pre-Historic | Tu | 14 | 20 | 0 | 19 | Deep | 45.0 | 22 | 687967 |
| Mill City North_14 | Earth Flow | Moderate | Pre-Historic | Tu | 22 | 40 | 0 | 37 | Deep | 315.0 | 37 | 2209330 |
| Mill City North_15 | Debris Flow | Moderate | Historic | Qt | 17 | 0 | 20 | 0 | na | 0.0 | 5 | 55731 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill City North_16 | Earth Flow | High | Pre-Historic | Tu | 13 | 40 | 0 | 39 | Deep | 22.5 | 7 | 465067 |
| Mill City North_17 | Earth Flow | High | Pre-Historic | Tu | 20 | 20 | 0 | 19 | Deep | 0.0 | 2 | 64166 |
| Mill City North_18 | Earth Flow | High | Pre-Historic | Tu | 20 | 40 | 0 | 38 | Deep | 315.0 | 5 | 296823 |
| Mill CIty North_19* | Earth Flow | High | Pre-Historic | Tu | 20 | 20 | 0 | 19 | Deep | 315.0 | 2 | 59080 |
| Mill City North_20* | Complex | Moderate | Pre-Historic | Tu | 18 | 60 | 0 | 57 | Deep | 90.0 | 138 | 12683889 |
| Mill City North_21 | Earth Flow | High | Historic | Qls | 15 | 25 | 0 | 24 | Deep | 112.5 | 19 | 750126 |
| Mill City North_22 | Earth Flow | High | Historic | Tfc | 36 | 30 | 0 | 24 | Deep | 202.5 | 1 | 34653 |
| Mill City North_23* | Earth Flow | High | Pre-Historic | Tfc | 15 | 60 | 0 | 58 | Deep | 202.5 | 26 | 2418356 |
| Mill City North_24 | Earth Flow | Moderate | Pre-Historic | Tu | 20 | 8 | 0 | 8 | Shallow | 202.5 | 1 | 17153 |
| Mill City North_25* | Earth Flow | Moderate | Pre-Historic | Tfc | 16 | 10 | 0 | 10 | Shallow | 135.0 | 3 | 39821 |
| Mill City North_26 | Earth Flow | Low | Pre-Historic | Tu | 30 | 20 | 0 | 17 | Deep | 225.0 | 1 | 21196 |
| Mill City North_27 | Earth Flow | Moderate | Historic | Tfc | 34 | 30 | 0 | 25 | Deep | 225.0 | 1 | 32968 |
| Mill City North_28 | Earth Flow | High | Historic | Tfc | 20 | 30 | 0 | 28 | Deep | 202.5 | 3 | 133904 |
| Mill City North_29 | Earth Flow | Moderate | Pre-Historic | Tfc | 40 | 60 | 0 | 46 | Deep | 0.0 | 18 | 1366941 |
| Mill City North_30 | Earth Flow | High | Pre-Historic | Tfc | 23 | 30 | 0 | 28 | Deep | 180.0 | 6 | 254209 |
| Mill City North_31* | Earth Flow | High | Pre-Historic | Tfc | 22 | 20 | 0 | 19 | Deep | 135.0 | 1 | 21701 |
| Mill City North_32 | Earth Flow | Moderate | Historic | Qls | 15 | 25 | 0 | 24 | Deep | 112.5 | 169 | 6585037 |
| Mill City North_33 | Earth Flow | High | Pre-Historic | Tfc | 25 | 60 | 0 | 54 | Deep | 202.5 | 5 | 395330 |
| Mill CIty North_34 | Earth Flow | High | Pre-Historic | Qls | 25 | 60 | 0 | 54 | Deep | 202.5 | 45 | 3929000 |
| Mill City North_35 | Earth Flow | Moderate | Pre-Historic | Qls | 20 | 40 | 0 | 38 | Deep | 225.0 | 10 | 577693 |
| Mill City North_36 | Earth Flow | Moderate | Pre-Historic | Tfc | 29 | 50 | 0 | 44 | Deep | 135.0 | 6 | 436615 |
| Mill City North_37 | Earth Flow | Moderate | Pre-Historic | Tfc | 19 | 20 | 0 | 19 | Deep | 202.5 | 13 | 394893 |
| Mill City North_38 | Earth Flow | Low | Pre-Historic | Tfc | 22 | 20 | 0 | 19 | Deep | 225.0 | 4 | 119436 |
| Mill City North_39 | Earth Flow | High | Historic | Tfc | 22 | 16 | 0 | 15 | Shallow | 202.5 | 4 | 91031 |
| Mill City North_40 | Earth Flow | High | Historic | Tfc | 23 | 20 | 0 | 18 | Deep | 202.5 | 2 | 67846 |
| Mill City North_41 | Earth Flow | High | Historic | Tfc | 22 | 20 | 0 | 19 | Deep | 202.5 | 4 | 130104 |
| Mill City North_42 | Earth Flow | High | Historic | Tfc | 20 | 18 | 0 | 17 | Deep | 202.5 | 7 | 188404 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill CIty North_43 | Earth Flow | Moderate | Pre-Historic | Qls | 15 | 250 | 0 | 241 | Deep | 112.5 | 98 | 38208148 |
| Mill CIty North_44 | Earth Flow | High | Historic | Tfc | 22 | 10 | 0 | 9 | Shallow | 202.5 | 3 | 48627 |
| Mill City North_45 | Earth Flow | High | Pre-Historic | Tu | 26 | 40 | 0 | 36 | Deep | 90.0 | 1 | 70996 |
| Mill City North_46 | Earth Flow | Moderate | Pre-Historic | Tu | 28 | 30 | 0 | 26 | Deep | 157.5 | 1 | 29546 |
| Mill City North_47 | Earth Flow | Moderate | Pre-Historic | Tu | 28 | 30 | 0 | 26 | Deep | 135.0 | 1 | 38704 |
| Mill City North_48 | Earth Flow | Moderate | Pre-Historic | Tu | 24 | 30 | 0 | 27 | Deep | 135.0 | 1 | 38820 |
| Mill City North_49 | Earth Flow | High | Historic | Tu | 32 | 23 | 0 | 20 | Deep | 270.0 | 3 | 82422 |
| Mill City North_50 | Earth Flow | High | Historic | Tu | 30 | 15 | 0 | 13 | Shallow | 270.0 | 5 | 107097 |
| Mill City North_51 | Earth Flow | High | Historic | Tu | 22 | 18 | 0 | 17 | Deep | 225.0 | 1 | 38945 |
| Mill City North_52 | Earth Flow | High | Historic | Tu | 15 | 10 | 0 | 10 | Shallow | 202.5 | 8 | 119903 |
| Mill City North_53 | Earth Flow | High | Historic | Tfc | 25 | 24 | 0 | 22 | Deep | 225.0 | 3 | 109930 |
| Mill City North_54 | Rotational | Low | Pre-Historic | Tus | 20 | 53 | 0 | 50 | Deep | 90.0 | 17 | 1395504 |
| Mill City North_55 | Earth Flow | High | Pre-Historic | Tu | 30 | 12 | 0 | 10 | Shallow | 135.0 | 1 | 14622 |
| Mill City North_56 | Earth Flow | High | Historic | Tu | 15 | 25 | 0 | 24 | Deep | 247.5 | 61 | 2363200 |
| Mill City North_57 | Earth Flow | High | Pre-Historic | Tu | 18 | 18 | 0 | 17 | Deep | 225.0 | 3 | 91455 |
| Mill City North_58 | Earth Flow | High | Historic | Tu | 30 | 30 | 0 | 26 | Deep | 157.5 | 13 | 530559 |
| Mill City North_59 | Earth Flow | Moderate | Pre-Historic | Tu | 28 | 25 | 0 | 22 | Deep | 112.5 | 3 | 99194 |
| Mill City North_60 | Earth Flow | High | Historic | Tu | 12 | 28 | 0 | 27 | Deep | 247.5 | 1 | 58802 |
| Mill City North_61 | Earth Flow | Moderate | Pre-Historic | Tu | 11 | 45 | 0 | 44 | Deep | 270.0 | 7 | 479800 |
| Mill City North_62 | Earth Flow | Moderate | Pre-Historic | Tu | 32 | 32 | 0 | 27 | Deep | 90.0 | 1 | 59102 |
| Mill City North_63 | Earth Flow | High | Historic | Tfc | 15 | 44 | 0 | 43 | Deep | 247.5 | 6 | 382481 |
| Mill City North_64 | Earth Flow | High | Historic | Tfc | 26 | 50 | 0 | 45 | Deep | 90.0 | 8 | 548459 |
| Mill City North_65 | Earth Flow | Moderate | Pre-Historic | Tba | 35 | 40 | 0 | 33 | Deep | 180.0 | 5 | 288527 |
| Mill City North_66 | Earth Flow | High | Historic | Tfc | 25 | 50 | 0 | 45 | Deep | 225.0 | 15 | 1093300 |
| Mill City North_67 | Earth Flow | High | Pre-Historic | Tfc | 30 | 45 | 0 | 39 | Deep | 67.5 | 1 | 75102 |
| Mill City North_68 | Earth Flow | High | Historic | Tu | 22 | 30 | 0 | 28 | Deep | 180.0 | 5 | 218270 |
| Mill City North_69 | Earth Flow | Moderate | Pre-Historic | Tfc | 16 | 60 | 0 | 58 | Deep | 90.0 | 18 | 1689763 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill City North_70 | Earth Flow | Moderate | Historic | Tfc | 22 | 20 | 0 | 19 | Deep | 90.0 | 3 | 92939 |
| Mill City North_71 | Earth Flow | High | Historic | Tfc | 25 | 25 | 0 | 23 | Deep | 90.0 | 3 | 110955 |
| Mill City North_72 | Earth Flow | High | Pre-Historic | Tu | 28 | 50 | 0 | 44 | Deep | 22.5 | 2 | 146840 |
| Mill City North_73* | Earth Flow | Moderate | Pre-Historic | Tu | 34 | 20 | 0 | 17 | Deep | 270.0 | 1 | 23482 |
| Mill City North_74 | Earth Flow | Moderate | Pre-Historic | Tu | 25 | 60 | 0 | 54 | Deep | 202.5 | 1 | 123317 |
| Mill City North_75 | Earth Flow | High | Historic | Tfc | 15 | 20 | 0 | 19 | Deep | 202.5 | 4 | 116445 |
| Mill City North_76 | Complex | High | Pre-Historic | Tu | 12 | 50 | 0 | 49 | Deep | 0.0 | 77 | 6086370 |
| Mill City North_77 | Earth Flow | High | Historic | Tu | 25 | 25 | 0 | 23 | Deep | 157.5 | 7 | 246252 |
| Mill City North_78 | Earth Flow | Moderate | Historic | Tu | 20 | 40 | 0 | 38 | Deep | 202.5 | 4 | 258079 |
| Mill City North_79 | Earth Flow | Moderate | Historic | Tu | 18 | 40 | 0 | 38 | Deep | 247.5 | 2 | 119349 |
| Mill City North_80 | Earth Flow | Moderate | Pre-Historic | Tu | 23 | 40 | 0 | 37 | Deep | 315.0 | 17 | 985863 |
| Mill City North_81 | Earth Flow | High | Historic | Tu | 24 | 15 | 0 | 14 | Shallow | 247.5 | 2 | 53208 |
| Mill City North_82 | Earth Flow | High | Historic | Tu | 24 | 18 | 0 | 16 | Deep | 202.5 | 7 | 174419 |
| Mill City North_83 | Earth Flow | High | Historic | Tu | 21 | 50 | 0 | 47 | Deep | 180.0 | 5 | 358511 |
| Mill City North_84 | Earth Flow | High | Historic | Tu | 22 | 40 | 0 | 37 | Deep | 135.0 | 7 | 427089 |
| Mill City North_85 | Earth Flow | High | Historic | Tu | 20 | 30 | 0 | 28 | Deep | 202.5 | 5 | 232841 |
| Mill City North_86 | Earth Flow | High | Historic | Tu | 24 | 15 | 0 | 14 | Shallow | 157.5 | 2 | 41583 |
| Mill City North_87 | Rotational | Moderate | Pre-Historic | Tfc | 30 | 10 | 0 | 9 | Shallow | 112.5 | 2 | 30218 |
| Mill City North_88 | Earth Flow | High | Historic | Tu | 24 | 30 | 0 | 27 | Deep | 135.0 | 3 | 125009 |
| Mill City North_89 | Earth Flow | High | Historic | Tu | 24 | 40 | 0 | 37 | Deep | 135.0 | 1 | 85318 |
| Mill City North_90 | Earth Flow | High | Historic | Tu | 24 | 20 | 0 | 18 | Deep | 225.0 | 2 | 65260 |
| Mill City North_91* | Earth Flow | High | Pre-Historic | Qls | 14 | 18 | 0 | 17 | Deep | 225.0 | 3 | 80586 |
| Mill CIty North_92 | Earth Flow | Moderate | Pre-Historic | Tu | 14 | 10 | 0 | 10 | Shallow | 247.5 | 8 | 129873 |
| Mill CIty North_93 | Earth Flow | High | Historic | Tfc | 28 | 8 | 0 | 7 | Shallow | 180.0 | 1 | 15267 |
| Mill CIty North_94 | Earth Flow | High | Pre-Historic | Tu | 25 | 60 | 0 | 54 | Deep | 292.5 | 56 | 4880259 |
| Mill CIty North_95 | Complex | High | Historic | Qls | 16 | 100 | 0 | 96 | Deep | 157.5 | 3874 | 601603704 |
| Mill CIty North_96 | Earth Flow | Moderate | Historic | Tba | 15 | 16 | 0 | 15 | Shallow | 202.5 | 6 | 137336 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill CIty North_97 | Earth Flow | Moderate | Pre-Historic | Tba | 20 | 50 | 0 | 47 | Deep | 157.5 | 31 | 2326796 |
| Mill CIty North_98 | Earth Flow | High | Historic | Tu | 31 | 80 | 0 | 69 | Deep | 135.0 | 28 | 3113607 |
| Mill CIty North_99 | Earth Flow | Moderate | Pre-Historic | Tu | 31 | 15 | 0 | 13 | Shallow | 135.0 | 1 | 20018 |
| Mill City North_100 | Rotational | Moderate | Historic | Tu | 20 | 10 | 0 | 9 | Shallow | 157.5 | 18 | 265643 |
| Mill City North_101 | Earth Flow | High | Pre-Historic | Tu | 14 | 18 | 0 | 17 | Deep | 247.5 | 23 | 641819 |
| Mill City North_102 | Earth Flow | High | Pre-Historic | Tba | 12 | 60 | 0 | 59 | Deep | 112.5 | 80 | 7607889 |
| Mill City North_103 | Earth Flow | High | Historic | Tba | 23 | 100 | 0 | 92 | Deep | 157.5 | 98 | 14627593 |
| Mill City North_104 | Earth Flow | Moderate | Historic | Tfc | 24 | 60 | 0 | 55 | Deep | 157.5 | 48 | 4279148 |
| Mill CIty North_105 | Complex | High | Historic | Qls | 13 | 50 | 0 | 49 | Deep | 0.0 | 729 | 57260741 |
| Mill City North_106 | Earth Flow | High | Historic | Tu | 15 | 10 | 0 | 10 | Shallow | 157.5 | 7 | 113415 |
| Mill City North_107 | Earth Flow | High | Historic | Qls | 12 | 50 | 0 | 49 | Deep | 0.0 | 146 | 11516815 |
| Mill City North_108 | Earth Flow | High | Historic | Tu | 20 | 17 | 0 | 16 | Shallow | 225.0 | 5 | 107483 |
| Mill City North_109 | Earth Flow | High | Pre-Historic | Qls | 25 | 50 | 0 | 45 | Deep | 67.5 | 4 | 265702 |
| MIll City North_110 | Complex | High | Pre-Historic | Tu | 20 | 50 | 0 | 47 | Deep | 0.0 | 79 | 5998593 |
| Mill City North_111 | Complex | High | Historic | Tu | 15 | 100 | 0 | 97 | Deep | 0.0 | 149 | 23287407 |
| Mill City North_112 | Earth Flow | High | Pre-Historic | Tu | 26 | 35 | 0 | 31 | Deep | 112.5 | 5 | 238109 |
| Mill City North_113 | Earth Flow | Moderate | Historic | Qls | 12 | 40 | 0 | 39 | Deep | 0.0 | 63 | 3967852 |
| Mill City North_114 | Earth Flow | High | Historic | Qt | 14 | 16 | 0 | 16 | Shallow | 45.0 | 9 | 233859 |
| Mill City North_115 | Earth Flow | Moderate | Historic | Tu | 20 | 40 | 0 | 38 | Deep | 225.0 | 7 | 431281 |
| Mill City North_116 | Earth Flow | Moderate | Historic | Tu | 15 | 15 | 0 | 14 | Shallow | 157.5 | 18 | 423656 |
| Mill City North_117 | Earth Flow | High | Pre-Historic | Tu | 25 | 60 | 0 | 54 | Deep | 202.5 | 6 | 518596 |
| Mill City North_118 | Earth Flow | High | Historic | Tu | 15 | 45 | 0 | 43 | Deep | 67.5 | 39 | 2726915 |
| Mill City North_119 | Earth Flow | High | Pre-Historic | Tu | 16 | 30 | 0 | 29 | Deep | 22.5 | 6 | 273437 |
| Mill City North_120 | Earth Flow | High | Historic | Tu | 20 | 40 | 0 | 38 | Deep | 292.5 | 14 | 827922 |
| Mill City North_121 | Complex | High | Historic | Tu | 18 | 60 | 0 | 57 | Deep | 292.5 | 102 | 9352926 |
| Mill City North_122 | Complex | High | Pre-Historic | Tu | 12 | 20 | 0 | 20 | Deep | 67.5 | 51 | 1618307 |
| Mill City North_123 | Earth Flow | Low | Pre-Historic | Tfc | 30 | 40 | 0 | 35 | Deep | 337.5 | 3 | 161228 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill City North_124 | Complex | High | Historic | Tu | 15 | 50 | 0 | 48 | Deep | 0.0 | 105 | 8193704 |
| Mill City North_125 | Debris Flow | Moderate | Pre-Historic | Tfc | 32 | 0 | 20 | 0 | na | 202.5 | 3 | 28453 |
| Mill City North_126 | Debris Flow | Moderate | Pre-Historic | Tfc | 30 | 0 | 15 | 0 | na | 180.0 | 1 | 4784 |
| Mill City North_127 | Debris Flow | Moderate | Pre-Historic | Tfc | 15 | 0 | 25 | 0 | na | 135.0 | 1 | 12690 |
| Mill City North_128 | Debris Flow | Moderate | Pre-Historic | Tfc | 15 | 0 | 25 | 0 | na | 135.0 | 1 | 10341 |
| Mill City North_129 | Debris Flow | Moderate | Pre-Historic | Tfc | 20 | 0 | 40 | 0 | na | 135.0 | 14 | 306760 |
| Mill City North_130 | Debris Flow | Moderate | Pre-Historic | Qls | 20 | 0 | 30 | 0 | na | 135.0 | 11 | 174920 |
| Mill City North_131 | Debris Flow | Moderate | Pre-Historic | Qls | 20 | 0 | 15 | 0 | na | 135.0 | 4 | 31765 |
| Mill City North_132 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 30 | 0 | na | 270.0 | 3 | 48412 |
| Mill City North_133 | Debris Flow | Moderate | Pre-Historic | Qt | 5 | 0 | 10 | 0 | na | 270.0 | 5 | 24061 |
| Mill City North_134 | Debris Flow | Moderate | Pre-Historic | Qls | 4 | 0 | 30 | 0 | na | 135.0 | 45 | 724133 |
| Mill City North_135 | Debris Flow | Moderate | Pre-Historic | Tus | 20 | 0 | 20 | 0 | na | 135.0 | 5 | 48851 |
| Mill City North_136 | Debris Flow | Moderate | Pre-Historic | Tus | 20 | 0 | 30 | 0 | na | 135.0 | 7 | 115747 |
| Mill City North_137 | Debris Flow | Moderate | Pre-Historic | Qls | 13 | 0 | 20 | 0 | na | 135.0 | 13 | 136525 |
| Mill City North_138 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 20 | 0 | na | 315.0 | 32 | 341329 |
| Mill City North_139 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 30 | 0 | na | 315.0 | 45 | 716815 |
| Mill City North_140 | Debris Flow | Moderate | Pre-Historic | Qt | 4 | 0 | 15 | 0 | na | 0.0 | 4 | 31795 |
| Mill City North_141 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 20 | 0 | na | 0.0 | 3 | 30102 |
| Mill City North_142 | Debris Flow | Moderate | Pre-Historic | Qt | 3 | 0 | 35 | 0 | na | 292.5 | 7 | 138061 |
| Mill City North_143* | Debris Flow | Moderate | Pre-Historic | Tu | 4 | 0 | 30 | 0 | na | 337.5 | 15 | 247407 |
| Mill City North_144 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 12 | 0 | na | 202.5 | 1 | 3406 |
| Mill City North_145 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 20 | 0 | na | 180.0 | 2 | 18132 |
| Mill City North_146 | Debris Flow | Moderate | Pre-Historic | Tu | 20 | 0 | 15 | 0 | na | 157.5 | 1 | 7060 |
| Mill City North_147 | Debris Flow | Moderate | Pre-Historic | Tu | 6 | 0 | 20 | 0 | na | 180.0 | 5 | 57283 |
| Mill City North_148 | Debris Flow | Moderate | Pre-Historic | Tu | 30 | 0 | 30 | 0 | na | 180.0 | 1 | 9919 |
| Mill City North_149 | Debris Flow | Moderate | Pre-Historic | Tu | 5 | 0 | 35 | 0 | na | 180.0 | 6 | 105913 |
| Mill City North_150 | Earth Flow | High | Historic | Qt | 32 | 40 | 0 | 34 | Deep | 292.5 | 6 | 306432 |

| Unique ID | Movement Type | Confidence | Relative Age | Primary Lithology | Slope | Head Scarp Height | Fan Height | Fail Depth | Depth Classification | Flow Direction | Area | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (°) | (ft) | (ft) | (ft) | | (°) | (acres) | ($yd^3$) |
| Mill City North_151 | Earth Flow | High | Historic | Qt | 44 | 30 | 0 | 22 | Deep | 22.5 | 1 | 19664 |
| Mill City North_152 | Earth Flow | High | Historic | Qt | 33 | 10 | 0 | 8 | Shallow | 292.5 | 1 | 10471 |
| Mill City North_153 | Earth Flow | High | Historic | Qt | 8 | 15 | 0 | 15 | Shallow | 292.5 | 1 | 12713 |
| Mill City North_154 | Earth Flow | High | Historic | Qt | 35 | 15 | 0 | 12 | Shallow | 292.5 | 1 | 10304 |
| Mill City North_155 | Debris Flow | High | Historic | Tfc | 30 | 0 | 35 | 0 | na | 180.0 | 1 | 23514 |
| Mill City North_156 | Debris Flow | High | Historic | Tfc | 20 | 0 | 20 | 0 | na | 112.5 | 1 | 7366 |
| Mill City North_157 | Debris Flow | Moderate | Pre-Historic | Tfc | 25 | 0 | 10 | 0 | na | 180.0 | 1 | 4226 |
| Mill City North_158* | Debris Flow | High | Historic | Qt | 8 | 0 | 15 | 0 | na | 0.0 | 1 | 8126 |
| Mill City North_159 | Earth Flow | High | Pre-Historic | Qt | 20 | 60 | 0 | 56 | Deep | 0.0 | 6 | 574185 |
| Mill City North_160* | Earth Flow | High | Pre-Historic | Qt | 20 | 50 | 0 | 47 | Deep | 0.0 | 6 | 433600 |
| Mill City North_161 | Earth Flow | High | Pre-Historic | Qt | 20 | 30 | 0 | 28 | Deep | 0.0 | 1 | 56246 |
| Mill City North_162 | Complex | High | Historic | Tba | 15 | 40 | 0 | 39 | Deep | 202.5 | 264 | 16434333 |
| Mill City North_163 | Earth Flow | High | Pre-Historic | Tu | 14 | 30 | 0 | 29 | Deep | 67.5 | 14 | 655411 |
| Mill City North_164 | Debris Flow | Moderate | Pre-Historic | Qt | 17 | 0 | 35 | 0 | na | 292.5 | 4 | 72818 |
| Mill City North_165 | Earth Flow | High | Pre-Historic | Tu | 19 | 40 | 0 | 38 | Deep | 292.5 | 16 | 979319 |
| Mill City North_166 | Complex | High | Historic | Tu | 15 | 40 | 0 | 39 | Deep | 0.0 | 220 | 13698852 |
| Mill City North_167 | Complex | High | Pre-Historic | Tu | 15 | 30 | 0 | 29 | Deep | 0.0 | 72 | 3387956 |
| Mill City North_168 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 8 | 0 | na | 0.0 | 1 | 2373 |
| Mill City North_169 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 12 | 0 | na | 0.0 | 1 | 7123 |
| Mill City North_170 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 10 | 0 | na | 0.0 | 1 | 4905 |
| Mill City North_171 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 10 | 0 | na | 0.0 | 1 | 2732 |
| Mill City North_172 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 10 | 0 | na | 0.0 | 1 | 5474 |
| Mill City North_173 | Debris Flow | Moderate | Pre-Historic | Tu | 15 | 0 | 10 | 0 | na | 0.0 | 1 | 2870 |
| Mill City North_174 | Earth Flow | High | Historic | Qls | 18 | 30 | 0 | 29 | Deep | 337.5 | 2 | 108673 |
| Rooster Rock_01 | Earth Flow | Low | Pre-Historic | Tum | 42 | 15 | 0 | 11 | Shallow | 135.0 | 1 | 20967 |
| Rooster Rock_02 | Debris Flow | Moderate | Pre-Historic | Tfc | 30 | 0 | 40 | 0 | na | 112.5 | 1 | 15670 |
| Rooster Rock_03 | Earth Flow | Moderate | Pre-Historic | Tfc | 31 | 50 | 0 | 43 | Deep | 67.5 | 10 | 671289 |

## A.3 – Continuous Turbidity, Estimated Streamflow, and Suspended-Sediment Loads

[**Abbreviations**: FNU, Formazin Nephelometric Units; $ft^3/s$, cubic feet per second; SSC, suspended-sediment concentrations; mg/L, milligrams per liter; SSL, suspended-sediment loads; T, short tons]

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/1/09 0:30 | 1.7 | 617 | 3.1 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 0.3 | 474 | 0.5 | 0.0 | 0.4 | 375 | 0.7 | 0.0 | 12.0 | 19 | 16.6 | 0.0 |
| 12/1/09 1:00 | 1.7 | 611 | 3.1 | 0.1 | 0.4 | 534 | 0.7 | 0.0 | 0.3 | 469 | 0.5 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 12.0 | 19 | 16.6 | 0.0 |
| 12/1/09 1:30 | 1.9 | 611 | 3.5 | 0.1 | 0.3 | 533 | 0.5 | 0.0 | 0.3 | 467 | 0.5 | 0.0 | 1.2 | 368 | 2.2 | 0.0 | 13.0 | 19 | 18.1 | 0.0 |
| 12/1/09 2:00 | 1.9 | 611 | 3.5 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 0.4 | 469 | 0.7 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 13.0 | 19 | 18.1 | 0.0 |
| 12/1/09 2:30 | 1.7 | 605 | 3.1 | 0.1 | 0.4 | 529 | 0.7 | 0.0 | 0.4 | 465 | 0.7 | 0.0 | 0.4 | 368 | 0.7 | 0.0 | 13.0 | 19 | 18.1 | 0.0 |
| 12/1/09 3:00 | 2.0 | 605 | 3.7 | 0.1 | 0.3 | 529 | 0.5 | 0.0 | 0.3 | 465 | 0.5 | 0.0 | 0.4 | 368 | 0.7 | 0.0 | 12.0 | 19 | 16.6 | 0.0 |
| 12/1/09 3:30 | 1.8 | 599 | 3.3 | 0.1 | 0.3 | 524 | 0.5 | 0.0 | 0.4 | 460 | 0.7 | 0.0 | 0.4 | 365 | 0.7 | 0.0 | 11.0 | 18 | 15.2 | 0.0 |
| 12/1/09 4:00 | 1.7 | 599 | 3.1 | 0.1 | 0.3 | 524 | 0.5 | 0.0 | 0.3 | 460 | 0.5 | 0.0 | 0.4 | 365 | 0.7 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 4:30 | 1.7 | 599 | 3.1 | 0.1 | 0.5 | 523 | 0.9 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 0.5 | 361 | 0.9 | 0.0 | 14.0 | 18 | 19.6 | 0.0 |
| 12/1/09 5:00 | 1.7 | 599 | 3.1 | 0.1 | 0.5 | 523 | 0.9 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 0.4 | 361 | 0.7 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 5:30 | 3.4 | 593 | 6.3 | 0.2 | 0.3 | 519 | 0.5 | 0.0 | 0.3 | 456 | 0.5 | 0.0 | 0.6 | 361 | 1.1 | 0.0 | 14.0 | 18 | 19.6 | 0.0 |
| 12/1/09 6:00 | 2.1 | 593 | 3.9 | 0.1 | 0.6 | 517 | 1.1 | 0.0 | 0.3 | 454 | 0.5 | 0.0 | 0.4 | 358 | 0.7 | 0.0 | 14.0 | 18 | 19.6 | 0.0 |
| 12/1/09 6:30 | 1.8 | 588 | 3.3 | 0.1 | 0.4 | 514 | 0.7 | 0.0 | 0.3 | 451 | 0.5 | 0.0 | 0.4 | 358 | 0.7 | 0.0 | 11.0 | 18 | 15.2 | 0.0 |
| 12/1/09 7:00 | 1.7 | 582 | 3.1 | 0.1 | 0.3 | 510 | 0.5 | 0.0 | 0.5 | 449 | 0.9 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 7:30 | 1.7 | 588 | 3.1 | 0.1 | 0.6 | 512 | 1.1 | 0.0 | 0.3 | 449 | 0.5 | 0.0 | 0.4 | 354 | 0.7 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 8:00 | 1.7 | 582 | 3.1 | 0.1 | 0.3 | 509 | 0.5 | 0.0 | 0.4 | 447 | 0.7 | 0.0 | 0.5 | 354 | 0.9 | 0.0 | 14.0 | 18 | 19.6 | 0.0 |
| 12/1/09 8:30 | 1.5 | 576 | 2.7 | 0.1 | 0.3 | 504 | 0.5 | 0.0 | 0.4 | 442 | 0.7 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 9:00 | 1.6 | 576 | 2.9 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 0.3 | 442 | 0.5 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 13.0 | 18 | 18.1 | 0.0 |
| 12/1/09 9:30 | 1.7 | 570 | 3.1 | 0.1 | 0.4 | 500 | 0.7 | 0.0 | 0.3 | 440 | 0.5 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 12/1/09 10:00 | 1.7 | 570 | 3.1 | 0.1 | 0.3 | 499 | 0.5 | 0.0 | 0.6 | 438 | 1.1 | 0.0 | 0.4 | 347 | 0.7 | 0.0 | 13.0 | 18 | 18.1 | 0.0 |
| 12/1/09 10:30 | 1.7 | 570 | 3.1 | 0.1 | 0.3 | 499 | 0.5 | 0.0 | 0.4 | 438 | 0.7 | 0.0 | 0.5 | 347 | 0.9 | 0.0 | 14.0 | 18 | 19.6 | 0.0 |
| 12/1/09 11:00 | 1.7 | 565 | 3.1 | 0.1 | 0.3 | 494 | 0.5 | 0.0 | 0.3 | 434 | 0.5 | 0.0 | 0.4 | 344 | 0.7 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 12/1/09 11:30 | 1.8 | 570 | 3.3 | 0.1 | 0.5 | 497 | 0.9 | 0.0 | 0.6 | 436 | 1.1 | 0.0 | 0.4 | 344 | 0.7 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 12/1/09 12:00 | 1.6 | 570 | 2.9 | 0.1 | 0.4 | 496 | 0.7 | 0.0 | 0.3 | 434 | 0.5 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 13.0 | 17 | 18.1 | 0.0 |
| 12/1/09 12:30 | 1.7 | 565 | 3.1 | 0.1 | 0.4 | 493 | 0.7 | 0.0 | 0.3 | 432 | 0.5 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |
| 12/1/09 13:00 | 1.6 | 565 | 2.9 | 0.1 | 0.3 | 493 | 0.5 | 0.0 | 0.3 | 432 | 0.5 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |
| 12/1/09 13:30 | 1.8 | 565 | 3.3 | 0.1 | 0.3 | 491 | 0.5 | 0.0 | 0.3 | 430 | 0.5 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 12/1/09 14:00 | 1.5 | 559 | 2.7 | 0.1 | 0.3 | 488 | 0.5 | 0.0 | 0.4 | 428 | 0.7 | 0.0 | 0.4 | 337 | 0.7 | 0.0 | 13.0 | 17 | 18.1 | 0.0 |
| 12/1/09 14:30 | 1.8 | 559 | 3.3 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 0.3 | 426 | 0.5 | 0.0 | 0.4 | 334 | 0.7 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 15:00 | 2.0 | 559 | 3.7 | 0.1 | 0.4 | 488 | 0.7 | 0.0 | 0.4 | 428 | 0.7 | 0.0 | 1.1 | 337 | 2.0 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |
| 12/1/09 15:30 | 1.5 | 553 | 2.7 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 0.4 | 334 | 0.7 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 16:00 | 1.8 | 548 | 3.3 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 0.4 | 421 | 0.7 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 16:30 | 1.8 | 553 | 3.3 | 0.1 | 0.3 | 482 | 0.5 | 0.0 | 0.3 | 421 | 0.5 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/1/09 17:00 | 1.5 | 548 | 2.7 | 0.1 | 0.3 | 478 | 0.5 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 0.6 | 331 | 1.1 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 17:30 | 1.5 | 548 | 2.7 | 0.1 | 0.3 | 478 | 0.5 | 0.0 | 0.4 | 419 | 0.7 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 18:00 | 1.8 | 542 | 3.3 | 0.1 | 0.4 | 473 | 0.7 | 0.0 | 0.4 | 415 | 0.7 | 0.0 | 0.4 | 327 | 0.7 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 12/1/09 18:30 | 1.6 | 542 | 2.9 | 0.1 | 0.4 | 473 | 0.7 | 0.0 | 0.4 | 415 | 0.7 | 0.0 | 0.7 | 327 | 1.3 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 19:00 | 1.6 | 553 | 2.9 | 0.1 | 0.4 | 481 | 0.7 | 0.0 | 0.6 | 419 | 1.1 | 0.0 | 0.4 | 327 | 0.7 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 19:30 | 1.4 | 542 | 2.6 | 0.1 | 0.3 | 472 | 0.5 | 0.0 | 0.4 | 413 | 0.7 | 0.0 | 0.4 | 324 | 0.7 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 12/1/09 20:00 | 1.7 | 531 | 3.1 | 0.1 | 0.3 | 465 | 0.5 | 0.0 | 0.4 | 408 | 0.7 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 10.0 | 17 | 13.7 | 0.0 |
| 12/1/09 20:30 | 1.5 | 531 | 2.7 | 0.1 | 0.3 | 464 | 0.5 | 0.0 | 0.3 | 407 | 0.5 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 12/1/09 21:00 | 1.8 | 537 | 3.3 | 0.1 | 0.1 | 467 | 0.2 | 0.0 | 0.4 | 409 | 0.7 | 0.0 | 0.4 | 321 | 0.7 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 12/1/09 21:30 | 1.7 | 531 | 3.1 | 0.1 | 0.2 | 463 | 0.4 | 0.0 | 0.3 | 405 | 0.5 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 12/1/09 22:00 | 1.7 | 537 | 3.1 | 0.1 | 0.3 | 466 | 0.5 | 0.0 | 0.4 | 407 | 0.7 | 0.0 | 0.4 | 318 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/1/09 22:30 | 1.5 | 526 | 2.7 | 0.1 | 0.3 | 459 | 0.5 | 0.0 | 0.4 | 402 | 0.7 | 0.0 | 0.4 | 318 | 0.7 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 12/1/09 23:00 | 1.7 | 526 | 3.1 | 0.1 | 0.2 | 459 | 0.4 | 0.0 | 0.4 | 402 | 0.7 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 12/1/09 23:30 | 1.5 | 521 | 2.7 | 0.1 | 0.9 | 454 | 1.6 | 0.0 | 0.4 | 398 | 0.7 | 0.0 | 0.4 | 314 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/2/09 0:00 | 1.9 | 521 | 3.5 | 0.1 | 0.3 | 454 | 0.5 | 0.0 | 0.3 | 398 | 0.5 | 0.0 | 0.5 | 314 | 0.9 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 12/2/09 0:30 | 1.8 | 526 | 3.3 | 0.1 | 0.3 | 457 | 0.5 | 0.0 | 0.3 | 399 | 0.5 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 19.0 | 16 | 27.1 | 0.0 |
| 12/2/09 1:00 | 1.7 | 521 | 3.1 | 0.1 | 0.4 | 453 | 0.7 | 0.0 | 0.3 | 396 | 0.5 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/2/09 1:30 | 1.9 | 521 | 3.5 | 0.1 | 0.2 | 452 | 0.4 | 0.0 | 0.3 | 395 | 0.5 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/2/09 2:00 | 2.0 | 510 | 3.7 | 0.1 | 0.3 | 445 | 0.5 | 0.0 | 0.4 | 390 | 0.7 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/2/09 2:30 | 1.7 | 515 | 3.1 | 0.1 | 0.3 | 448 | 0.5 | 0.0 | 0.4 | 392 | 0.7 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 18.0 | 16 | 25.6 | 0.0 |
| 12/2/09 3:00 | 1.8 | 515 | 3.3 | 0.1 | 0.3 | 448 | 0.5 | 0.0 | 0.3 | 392 | 0.5 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 15.0 | 16 | 21.1 | 0.0 |
| 12/2/09 3:30 | 1.8 | 510 | 3.3 | 0.1 | 0.2 | 444 | 0.4 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.3 | 305 | 0.5 | 0.0 | 15.0 | 16 | 21.1 | 0.0 |
| 12/2/09 4:00 | 1.8 | 504 | 3.3 | 0.1 | 0.3 | 440 | 0.5 | 0.0 | 0.3 | 386 | 0.5 | 0.0 | 0.3 | 305 | 0.5 | 0.0 | 17.0 | 16 | 24.1 | 0.0 |
| 12/2/09 4:30 | 1.8 | 510 | 3.3 | 0.1 | 0.2 | 444 | 0.4 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/2/09 5:00 | 1.6 | 510 | 2.9 | 0.1 | 0.3 | 444 | 0.5 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 14.0 | 16 | 19.6 | 0.0 |
| 12/2/09 5:30 | 1.7 | 504 | 3.1 | 0.1 | 0.3 | 438 | 0.5 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 6:00 | 1.8 | 499 | 3.3 | 0.1 | 0.4 | 436 | 0.7 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 0.4 | 302 | 0.7 | 0.0 | 16.0 | 15 | 22.6 | 0.0 |
| 12/2/09 6:30 | 1.6 | 499 | 2.9 | 0.1 | 0.4 | 435 | 0.7 | 0.0 | 0.3 | 380 | 0.5 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 14.0 | 15 | 19.6 | 0.0 |
| 12/2/09 7:00 | 1.7 | 499 | 3.1 | 0.1 | 0.3 | 435 | 0.5 | 0.0 | 0.3 | 380 | 0.5 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 16.0 | 15 | 22.6 | 0.0 |
| 12/2/09 7:30 | 1.9 | 499 | 3.5 | 0.1 | 0.5 | 435 | 0.9 | 0.0 | 0.4 | 380 | 0.7 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 8:00 | 1.5 | 499 | 2.7 | 0.1 | 0.4 | 434 | 0.7 | 0.0 | 0.4 | 378 | 0.7 | 0.0 | 0.5 | 296 | 0.9 | 0.0 | 16.0 | 15 | 22.6 | 0.0 |
| 12/2/09 8:30 | 1.9 | 494 | 3.5 | 0.1 | 0.3 | 430 | 0.5 | 0.0 | 0.4 | 376 | 0.7 | 0.0 | 0.4 | 296 | 0.7 | 0.0 | 15.0 | 15 | 21.1 | 0.0 |
| 12/2/09 9:00 | 1.5 | 489 | 2.7 | 0.1 | 0.2 | 427 | 0.4 | 0.0 | 0.3 | 374 | 0.5 | 0.0 | 0.6 | 296 | 1.1 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 9:30 | 1.7 | 489 | 3.1 | 0.1 | 0.3 | 427 | 0.5 | 0.0 | 0.3 | 374 | 0.5 | 0.0 | 0.4 | 296 | 0.7 | 0.0 | 16.0 | 15 | 22.6 | 0.0 |
| 12/2/09 10:00 | 1.8 | 484 | 3.3 | 0.1 | 0.2 | 422 | 0.4 | 0.0 | 0.3 | 370 | 0.5 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 10:30 | 1.7 | 489 | 3.1 | 0.1 | 0.4 | 426 | 0.7 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 15.0 | 15 | 21.1 | 0.0 |
| 12/2/09 11:00 | 1.9 | 484 | 3.5 | 0.1 | 0.2 | 421 | 0.4 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 19.0 | 15 | 27.1 | 0.0 |
| 12/2/09 11:30 | 1.7 | 489 | 3.1 | 0.1 | 0.3 | 426 | 0.5 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 12:00 | 1.9 | 484 | 3.5 | 0.1 | 0.3 | 421 | 0.5 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 0.4 | 290 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 12:30 | 1.5 | 478 | 2.7 | 0.1 | 0.3 | 418 | 0.5 | 0.0 | 0.3 | 366 | 0.5 | 0.0 | 0.4 | 290 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 13:00 | 1.5 | 478 | 2.7 | 0.1 | 0.2 | 418 | 0.4 | 0.0 | 0.6 | 366 | 1.1 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 13:30 | 1.5 | 478 | 2.7 | 0.1 | 0.1 | 417 | 0.2 | 0.0 | 0.4 | 365 | 0.7 | 0.0 | 0.4 | 286 | 0.7 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/2/09 14:00 | 1.7 | 484 | 3.1 | 0.1 | 0.3 | 420 | 0.5 | 0.0 | 0.3 | 367 | 0.5 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |
| 12/2/09 14:30 | 1.6 | 478 | 2.9 | 0.1 | 0.2 | 417 | 0.4 | 0.0 | 0.3 | 365 | 0.5 | 0.0 | 0.4 | 286 | 0.7 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |
| 12/2/09 15:00 | 1.6 | 473 | 2.9 | 0.1 | 0.2 | 412 | 0.4 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 0.4 | 283 | 0.7 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 15:30 | 1.6 | 473 | 2.9 | 0.1 | 0.1 | 412 | 0.2 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 1.1 | 283 | 2.0 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 12/2/09 16:00 | 1.6 | 468 | 2.9 | 0.1 | 0.3 | 409 | 0.5 | 0.0 | 0.3 | 359 | 0.5 | 0.0 | 0.4 | 283 | 0.7 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |
| 12/2/09 16:30 | 1.6 | 468 | 2.9 | 0.1 | 0.2 | 409 | 0.4 | 0.0 | 0.3 | 359 | 0.5 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 19.0 | 15 | 27.1 | 0.0 |
| 12/2/09 17:00 | 1.6 | 468 | 2.9 | 0.1 | 0.2 | 408 | 0.4 | 0.0 | 0.3 | 357 | 0.5 | 0.0 | 0.4 | 280 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 17:30 | 1.7 | 463 | 3.1 | 0.1 | 0.1 | 404 | 0.2 | 0.0 | 0.4 | 355 | 0.7 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 17.0 | 14 | 24.1 | 0.0 |
| 12/2/09 18:00 | 1.7 | 473 | 3.1 | 0.1 | 0.3 | 410 | 0.5 | 0.0 | 0.3 | 357 | 0.5 | 0.0 | 0.5 | 277 | 0.9 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/2/09 18:30 | 1.8 | 463 | 3.3 | 0.1 | 0.2 | 403 | 0.4 | 0.0 | 0.3 | 353 | 0.5 | 0.0 | 0.4 | 277 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 19:00 | 1.6 | 468 | 2.9 | 0.1 | 0.2 | 407 | 0.4 | 0.0 | 0.3 | 355 | 0.5 | 0.0 | 0.4 | 277 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 19:30 | 1.4 | 468 | 2.6 | 0.1 | 0.4 | 406 | 0.7 | 0.0 | 0.4 | 353 | 0.7 | 0.0 | 0.5 | 275 | 0.9 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 20:00 | 1.7 | 458 | 3.1 | 0.1 | 0.3 | 399 | 0.5 | 0.0 | 0.4 | 349 | 0.7 | 0.0 | 0.5 | 275 | 0.9 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/2/09 20:30 | 1.7 | 453 | 3.1 | 0.1 | 0.3 | 396 | 0.5 | 0.0 | 0.3 | 347 | 0.5 | 0.0 | 0.5 | 275 | 0.9 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/2/09 21:00 | 1.5 | 458 | 2.7 | 0.1 | 0.2 | 399 | 0.4 | 0.0 | 0.3 | 349 | 0.5 | 0.0 | 0.4 | 275 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 21:30 | 1.6 | 453 | 2.9 | 0.1 | 0.2 | 395 | 0.4 | 0.0 | 0.3 | 345 | 0.5 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 22:00 | 2.2 | 453 | 4.0 | 0.1 | 0.2 | 395 | 0.4 | 0.0 | 0.4 | 345 | 0.7 | 0.0 | 0.4 | 272 | 0.7 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/2/09 22:30 | 1.6 | 453 | 2.9 | 0.1 | 0.2 | 395 | 0.4 | 0.0 | 0.3 | 345 | 0.5 | 0.0 | 0.4 | 272 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 23:00 | 1.5 | 453 | 2.7 | 0.1 | 0.2 | 394 | 0.4 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 0.4 | 269 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/2/09 23:30 | 1.6 | 443 | 2.9 | 0.1 | 0.2 | 387 | 0.4 | 0.0 | 0.3 | 340 | 0.5 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 24.0 | 14 | 34.8 | 0.0 |
| 12/3/09 0:00 | 1.5 | 448 | 2.7 | 0.1 | 0.2 | 389 | 0.4 | 0.0 | 0.4 | 340 | 0.7 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/3/09 0:30 | 1.8 | 443 | 3.3 | 0.1 | 0.2 | 386 | 0.4 | 0.0 | 0.3 | 338 | 0.5 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 26.0 | 14 | 37.8 | 0.0 |
| 12/3/09 1:00 | 1.6 | 443 | 2.9 | 0.1 | 0.2 | 386 | 0.4 | 0.0 | 0.4 | 338 | 0.7 | 0.0 | 0.4 | 266 | 0.7 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/3/09 1:30 | 1.5 | 443 | 2.7 | 0.1 | 0.3 | 386 | 0.5 | 0.0 | 0.3 | 338 | 0.5 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 17.0 | 14 | 24.1 | 0.0 |
| 12/3/09 2:00 | 1.6 | 438 | 2.9 | 0.1 | 0.2 | 383 | 0.4 | 0.0 | 0.4 | 336 | 0.7 | 0.0 | 0.4 | 266 | 0.7 | 0.0 | 21.0 | 14 | 30.2 | 0.0 |
| 12/3/09 2:30 | 1.7 | 438 | 3.1 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 0.4 | 334 | 0.7 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/3/09 3:00 | 1.7 | 438 | 3.1 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 0.6 | 263 | 1.0 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 12/3/09 3:30 | 1.6 | 438 | 2.9 | 0.1 | 0.7 | 381 | 1.3 | 0.0 | 0.3 | 333 | 0.5 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 22.0 | 13 | 31.7 | 0.0 |
| 12/3/09 4:00 | 3.7 | 438 | 6.9 | 0.2 | 0.6 | 382 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 15.0 | 14 | 21.1 | 0.0 |
| 12/3/09 4:30 | 1.5 | 433 | 2.7 | 0.1 | 0.3 | 378 | 0.5 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 17.0 | 13 | 24.1 | 0.0 |
| 12/3/09 5:00 | 1.7 | 433 | 3.1 | 0.1 | 0.3 | 378 | 0.5 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/3/09 5:30 | 1.5 | 429 | 2.7 | 0.1 | 1.7 | 373 | 3.1 | 0.1 | 0.3 | 327 | 0.5 | 0.0 | 0.5 | 257 | 0.9 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/3/09 6:00 | 1.8 | 433 | 3.3 | 0.1 | 0.2 | 377 | 0.4 | 0.0 | 0.3 | 329 | 0.5 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/3/09 6:30 | 1.8 | 429 | 3.3 | 0.1 | 0.4 | 373 | 0.7 | 0.0 | 0.4 | 327 | 0.7 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/3/09 7:00 | 2.4 | 429 | 4.4 | 0.1 | 0.2 | 373 | 0.4 | 0.0 | 0.3 | 325 | 0.5 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 24.0 | 13 | 34.8 | 0.0 |
| 12/3/09 7:30 | 1.7 | 429 | 3.1 | 0.1 | 0.2 | 373 | 0.4 | 0.0 | 0.3 | 325 | 0.5 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/3/09 8:00 | 1.6 | 424 | 2.9 | 0.1 | 0.3 | 369 | 0.5 | 0.0 | 0.3 | 323 | 0.5 | 0.0 | 0.5 | 254 | 0.9 | 0.0 | 20.0 | 13 | 28.6 | 0.0 |
| 12/3/09 8:30 | 1.7 | 424 | 3.1 | 0.1 | 0.2 | 369 | 0.4 | 0.0 | 0.6 | 323 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/3/09 9:00 | 1.6 | 419 | 2.9 | 0.1 | 0.6 | 365 | 1.1 | 0.0 | 0.3 | 320 | 0.5 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/3/09 9:30 | 1.6 | 419 | 2.9 | 0.1 | 0.3 | 365 | 0.5 | 0.0 | 0.4 | 320 | 0.7 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 20.0 | 13 | 28.6 | 0.0 |
| 12/3/09 10:00 | 1.6 | 419 | 2.9 | 0.1 | 0.1 | 365 | 0.2 | 0.0 | 0.3 | 320 | 0.5 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 35.0 | 13 | 51.9 | 0.0 |
| 12/3/09 10:30 | 1.6 | 419 | 2.9 | 0.1 | 0.2 | 365 | 0.4 | 0.0 | 0.3 | 320 | 0.5 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 27.0 | 13 | 39.4 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/3/09 11:00 | 1.4 | 419 | 2.6 | 0.1 | 0.2 | 364 | 0.4 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 27.0 | 13 | 39.4 | 0.0 |
| 12/3/09 11:30 | 1.5 | 414 | 2.7 | 0.1 | 0.3 | 361 | 0.5 | 0.0 | 0.3 | 316 | 0.5 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 21.0 | 13 | 30.2 | 0.0 |
| 12/3/09 12:00 | 1.5 | 410 | 2.7 | 0.1 | 0.1 | 358 | 0.2 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 30.0 | 13 | 44.0 | 0.0 |
| 12/3/09 12:30 | 1.5 | 414 | 2.7 | 0.1 | 0.2 | 360 | 0.4 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 0.4 | 246 | 0.7 | 0.0 | 35.0 | 13 | 51.9 | 0.0 |
| 12/3/09 13:00 | 1.7 | 410 | 3.1 | 0.1 | 2.4 | 357 | 4.4 | 0.1 | 0.3 | 313 | 0.5 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 21.0 | 13 | 30.2 | 0.0 |
| 12/3/09 13:30 | 1.5 | 410 | 2.7 | 0.1 | 0.2 | 357 | 0.4 | 0.0 | 0.3 | 313 | 0.5 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 23.0 | 13 | 33.2 | 0.0 |
| 12/3/09 14:00 | 1.6 | 410 | 2.9 | 0.1 | 0.1 | 357 | 0.2 | 0.0 | 0.3 | 313 | 0.5 | 0.0 | 0.4 | 246 | 0.7 | 0.0 | 22.0 | 13 | 31.7 | 0.0 |
| 12/3/09 14:30 | 1.5 | 410 | 2.7 | 0.1 | 0.2 | 357 | 0.4 | 0.0 | 0.3 | 313 | 0.5 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 27.0 | 13 | 39.4 | 0.0 |
| 12/3/09 15:00 | 1.6 | 405 | 2.9 | 0.1 | 0.3 | 354 | 0.5 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 0.4 | 246 | 0.7 | 0.0 | 35.0 | 13 | 51.9 | 0.0 |
| 12/3/09 15:30 | 1.5 | 405 | 2.7 | 0.1 | 0.1 | 353 | 0.2 | 0.0 | 0.3 | 309 | 0.5 | 0.0 | 0.5 | 243 | 0.9 | 0.0 | 20.0 | 13 | 28.6 | 0.0 |
| 12/3/09 16:00 | 1.4 | 400 | 2.6 | 0.1 | 0.2 | 350 | 0.4 | 0.0 | 0.5 | 307 | 0.9 | 0.0 | 0.5 | 243 | 0.9 | 0.0 | 24.0 | 13 | 34.8 | 0.0 |
| 12/3/09 16:30 | 1.6 | 405 | 2.9 | 0.1 | 0.1 | 353 | 0.2 | 0.0 | 0.3 | 309 | 0.5 | 0.0 | 0.4 | 243 | 0.7 | 0.0 | 22.0 | 13 | 31.7 | 0.0 |
| 12/3/09 17:00 | 1.6 | 400 | 2.9 | 0.1 | 0.2 | 350 | 0.4 | 0.0 | 0.3 | 307 | 0.5 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 26.0 | 13 | 37.8 | 0.0 |
| 12/3/09 17:30 | 1.4 | 400 | 2.6 | 0.1 | 0.2 | 350 | 0.4 | 0.0 | 0.2 | 307 | 0.4 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 28.0 | 13 | 40.9 | 0.0 |
| 12/3/09 18:00 | 1.6 | 400 | 2.9 | 0.1 | 0.1 | 349 | 0.2 | 0.0 | 0.2 | 306 | 0.4 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 22.0 | 12 | 31.7 | 0.0 |
| 12/3/09 18:30 | 1.5 | 400 | 2.7 | 0.1 | 0.2 | 349 | 0.4 | 0.0 | 0.3 | 306 | 0.5 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 23.0 | 12 | 33.2 | 0.0 |
| 12/3/09 19:00 | 1.4 | 396 | 2.6 | 0.1 | 0.1 | 346 | 0.2 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 24.0 | 12 | 34.8 | 0.0 |
| 12/3/09 19:30 | 1.6 | 396 | 2.9 | 0.1 | 0.2 | 346 | 0.4 | 0.0 | 0.3 | 304 | 0.5 | 0.0 | 0.4 | 241 | 0.7 | 0.0 | 23.0 | 12 | 33.2 | 0.0 |
| 12/3/09 20:00 | 1.6 | 396 | 2.9 | 0.1 | 0.1 | 346 | 0.2 | 0.0 | 0.3 | 304 | 0.5 | 0.0 | 0.4 | 241 | 0.7 | 0.0 | 36.0 | 12 | 53.5 | 0.0 |
| 12/3/09 20:30 | 1.5 | 396 | 2.7 | 0.1 | 0.3 | 345 | 0.5 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 0.4 | 238 | 0.7 | 0.0 | 21.0 | 12 | 30.2 | 0.0 |
| 12/3/09 21:00 | 1.4 | 391 | 2.6 | 0.1 | 0.2 | 342 | 0.4 | 0.0 | 0.5 | 300 | 0.9 | 0.0 | 0.4 | 238 | 0.7 | 0.0 | 22.0 | 12 | 31.7 | 0.0 |
| 12/3/09 21:30 | 1.4 | 387 | 2.6 | 0.1 | 0.1 | 339 | 0.2 | 0.0 | 0.3 | 298 | 0.5 | 0.0 | 0.3 | 238 | 0.5 | 0.0 | 21.0 | 12 | 30.2 | 0.0 |
| 12/3/09 22:00 | 1.6 | 387 | 2.9 | 0.1 | 0.2 | 338 | 0.4 | 0.0 | 0.4 | 297 | 0.7 | 0.0 | 0.4 | 235 | 0.7 | 0.0 | 23.0 | 12 | 33.2 | 0.0 |
| 12/3/09 22:30 | 1.4 | 391 | 2.6 | 0.1 | 0.1 | 341 | 0.2 | 0.0 | 0.3 | 299 | 0.5 | 0.0 | 0.3 | 235 | 0.5 | 0.0 | 26.0 | 12 | 37.8 | 0.0 |
| 12/3/09 23:00 | 1.5 | 387 | 2.7 | 0.1 | 0.4 | 338 | 0.7 | 0.0 | 0.3 | 297 | 0.5 | 0.0 | 0.4 | 235 | 0.7 | 0.0 | 26.0 | 12 | 37.8 | 0.0 |
| 12/3/09 23:30 | 2.0 | 387 | 3.7 | 0.1 | 0.2 | 338 | 0.4 | 0.0 | 0.3 | 297 | 0.5 | 0.0 | 0.3 | 235 | 0.5 | 0.0 | 27.0 | 12 | 39.4 | 0.0 |
| 12/4/09 0:00 | 1.5 | 387 | 2.7 | 0.1 | 0.1 | 337 | 0.2 | 0.0 | 0.3 | 295 | 0.5 | 0.0 | 0.3 | 232 | 0.5 | 0.0 | 25.0 | 12 | 36.3 | 0.0 |
| 12/4/09 0:30 | 1.4 | 382 | 2.6 | 0.1 | 0.3 | 334 | 0.5 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 0.9 | 232 | 1.6 | 0.0 | 22.0 | 12 | 31.7 | 0.0 |
| 12/4/09 1:00 | 1.4 | 382 | 2.6 | 0.1 | 0.3 | 334 | 0.5 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 0.3 | 232 | 0.5 | 0.0 | 24.0 | 12 | 34.8 | 0.0 |
| 12/4/09 1:30 | 1.5 | 382 | 2.7 | 0.1 | 0.1 | 334 | 0.2 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 0.3 | 232 | 0.5 | 0.0 | 30.0 | 12 | 44.0 | 0.0 |
| 12/4/09 2:00 | 1.3 | 382 | 2.4 | 0.1 | 0.2 | 333 | 0.4 | 0.0 | 0.3 | 292 | 0.5 | 0.0 | 0.3 | 230 | 0.5 | 0.0 | 37.0 | 12 | 55.0 | 0.0 |
| 12/4/09 2:30 | 2.0 | 378 | 3.7 | 0.1 | 0.4 | 330 | 0.7 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 0.3 | 230 | 0.5 | 0.0 | 32.0 | 12 | 47.2 | 0.0 |
| 12/4/09 3:00 | 1.5 | 378 | 2.7 | 0.1 | 0.1 | 330 | 0.2 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 0.3 | 230 | 0.5 | 0.0 | 25.0 | 12 | 36.3 | 0.0 |
| 12/4/09 3:30 | 1.4 | 374 | 2.6 | 0.1 | 0.2 | 328 | 0.4 | 0.0 | 0.3 | 288 | 0.5 | 0.0 | 0.3 | 230 | 0.5 | 0.0 | 29.0 | 12 | 42.5 | 0.0 |
| 12/4/09 4:00 | 1.6 | 378 | 2.9 | 0.1 | 0.1 | 329 | 0.2 | 0.0 | 0.3 | 288 | 0.5 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 26.0 | 12 | 37.8 | 0.0 |
| 12/4/09 4:30 | 1.4 | 378 | 2.6 | 0.1 | 0.2 | 329 | 0.4 | 0.0 | 0.3 | 288 | 0.5 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 29.0 | 12 | 42.5 | 0.0 |
| 12/4/09 5:00 | 1.4 | 378 | 2.6 | 0.1 | 0.3 | 329 | 0.5 | 0.0 | 0.4 | 288 | 0.7 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 26.0 | 12 | 37.8 | 0.0 |
| 12/4/09 5:30 | 1.5 | 374 | 2.7 | 0.1 | 0.3 | 326 | 0.5 | 0.0 | 0.3 | 285 | 0.5 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 21.0 | 12 | 30.2 | 0.0 |
| 12/4/09 6:00 | 1.4 | 370 | 2.6 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 0.3 | 285 | 0.5 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 24.0 | 12 | 34.8 | 0.0 |
| 12/4/09 6:30 | 1.4 | 370 | 2.6 | 0.1 | 0.1 | 323 | 0.2 | 0.0 | 0.3 | 284 | 0.5 | 0.0 | 0.4 | 225 | 0.7 | 0.0 | 23.0 | 12 | 33.2 | 0.0 |
| 12/4/09 7:00 | 1.4 | 366 | 2.6 | 0.1 | 0.1 | 320 | 0.2 | 0.0 | 0.4 | 282 | 0.7 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 23.0 | 12 | 33.2 | 0.0 |
| 12/4/09 7:30 | 1.3 | 370 | 2.4 | 0.0 | 0.1 | 323 | 0.2 | 0.0 | 0.3 | 284 | 0.5 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 26.0 | 12 | 37.8 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/4/09 8:00 | 1.7 | 370 | 3.1 | 0.1 | 0.1 | 322 | 0.2 | 0.0 | 0.3 | 282 | 0.5 | 0.0 | 0.4 | 222 | 0.7 | 0.0 | 20.0 | 12 | 28.6 | 0.0 |
| 12/4/09 8:30 | 1.4 | 370 | 2.6 | 0.1 | 1.0 | 323 | 1.8 | 0.0 | 0.3 | 284 | 0.5 | 0.0 | 0.4 | 225 | 0.7 | 0.0 | 19.0 | 12 | 27.1 | 0.0 |
| 12/4/09 9:00 | 1.4 | 366 | 2.6 | 0.1 | 0.2 | 320 | 0.4 | 0.0 | 0.3 | 281 | 0.5 | 0.0 | 0.3 | 222 | 0.5 | 0.0 | 24.0 | 12 | 34.8 | 0.0 |
| 12/4/09 9:30 | 1.5 | 366 | 2.7 | 0.1 | 0.2 | 320 | 0.4 | 0.0 | 0.3 | 281 | 0.5 | 0.0 | 0.4 | 222 | 0.7 | 0.0 | 21.0 | 12 | 30.2 | 0.0 |
| 12/4/09 10:00 | 3.2 | 366 | 5.9 | 0.1 | 0.2 | 319 | 0.4 | 0.0 | 0.3 | 279 | 0.5 | 0.0 | 0.3 | 219 | 0.5 | 0.0 | 21.0 | 11 | 30.2 | 0.0 |
| 12/4/09 10:30 | 1.5 | 362 | 2.7 | 0.1 | 0.1 | 316 | 0.2 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 0.4 | 219 | 0.7 | 0.0 | 18.0 | 11 | 25.6 | 0.0 |
| 12/4/09 11:00 | 1.5 | 362 | 2.7 | 0.1 | 0.1 | 316 | 0.2 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 0.4 | 219 | 0.7 | 0.0 | 21.0 | 11 | 30.2 | 0.0 |
| 12/4/09 11:30 | 1.5 | 362 | 2.7 | 0.1 | 0.1 | 316 | 0.2 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 0.3 | 219 | 0.5 | 0.0 | 21.0 | 11 | 30.2 | 0.0 |
| 12/4/09 12:00 | 1.5 | 362 | 2.7 | 0.1 | 0.1 | 316 | 0.2 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 0.3 | 219 | 0.5 | 0.0 | 29.0 | 11 | 42.5 | 0.0 |
| 12/4/09 12:30 | 1.4 | 362 | 2.6 | 0.1 | 0.1 | 315 | 0.2 | 0.0 | 0.3 | 276 | 0.5 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 31.0 | 11 | 45.6 | 0.0 |
| 12/4/09 13:00 | 1.2 | 358 | 2.2 | 0.0 | 0.2 | 313 | 0.4 | 0.0 | 0.3 | 274 | 0.5 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 32.0 | 11 | 47.2 | 0.0 |
| 12/4/09 13:30 | 1.5 | 358 | 2.7 | 0.1 | 0.1 | 313 | 0.2 | 0.0 | 0.3 | 274 | 0.5 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 31.0 | 11 | 45.6 | 0.0 |
| 12/4/09 14:00 | 1.5 | 358 | 2.7 | 0.1 | 0.1 | 313 | 0.2 | 0.0 | 0.3 | 274 | 0.5 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 26.0 | 11 | 37.8 | 0.0 |
| 12/4/09 14:30 | 1.6 | 358 | 2.9 | 0.1 | 0.1 | 313 | 0.2 | 0.0 | 0.3 | 274 | 0.5 | 0.0 | 0.4 | 217 | 0.7 | 0.0 | 26.0 | 11 | 37.8 | 0.0 |
| 12/4/09 15:00 | 1.4 | 354 | 2.6 | 0.1 | 0.1 | 310 | 0.2 | 0.0 | 0.3 | 273 | 0.5 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 22.0 | 11 | 31.7 | 0.0 |
| 12/4/09 15:30 | 1.4 | 354 | 2.6 | 0.1 | 0.1 | 309 | 0.2 | 0.0 | 0.3 | 271 | 0.5 | 0.0 | 0.4 | 214 | 0.7 | 0.0 | 26.0 | 11 | 37.8 | 0.0 |
| 12/4/09 16:00 | 1.4 | 354 | 2.6 | 0.1 | 0.1 | 309 | 0.2 | 0.0 | 0.3 | 271 | 0.5 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 37.0 | 11 | 55.0 | 0.0 |
| 12/4/09 16:30 | 1.5 | 354 | 2.7 | 0.1 | 0.1 | 309 | 0.2 | 0.0 | 0.4 | 271 | 0.7 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 26.0 | 11 | 37.8 | 0.0 |
| 12/4/09 17:00 | 1.4 | 354 | 2.6 | 0.1 | 0.2 | 309 | 0.4 | 0.0 | 0.3 | 271 | 0.5 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 26.0 | 11 | 37.8 | 0.0 |
| 12/4/09 17:30 | 1.5 | 354 | 2.7 | 0.1 | 0.9 | 309 | 1.6 | 0.0 | 0.3 | 271 | 0.5 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 22.0 | 11 | 31.7 | 0.0 |
| 12/4/09 18:00 | 1.5 | 351 | 2.7 | 0.1 | 0.2 | 306 | 0.4 | 0.0 | 0.3 | 268 | 0.5 | 0.0 | 0.3 | 212 | 0.5 | 0.0 | 27.0 | 11 | 39.4 | 0.0 |
| 12/4/09 18:30 | 1.5 | 351 | 2.7 | 0.1 | 0.2 | 306 | 0.4 | 0.0 | 0.4 | 268 | 0.7 | 0.0 | 0.4 | 212 | 0.7 | 0.0 | 25.0 | 11 | 36.3 | 0.0 |
| 12/4/09 19:00 | 1.6 | 351 | 2.9 | 0.1 | 0.1 | 306 | 0.2 | 0.0 | 0.3 | 268 | 0.5 | 0.0 | 0.3 | 212 | 0.5 | 0.0 | 21.0 | 11 | 30.2 | 0.0 |
| 12/4/09 19:30 | 1.4 | 351 | 2.6 | 0.1 | 0.1 | 306 | 0.2 | 0.0 | 0.3 | 268 | 0.5 | 0.0 | 0.3 | 212 | 0.5 | 0.0 | 24.0 | 11 | 34.8 | 0.0 |
| 12/4/09 20:00 | 1.6 | 347 | 2.9 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.2 | 265 | 0.4 | 0.0 | 0.3 | 209 | 0.5 | 0.0 | 22.0 | 11 | 31.7 | 0.0 |
| 12/4/09 20:30 | 1.4 | 347 | 2.6 | 0.0 | 0.7 | 303 | 1.3 | 0.0 | 0.3 | 267 | 0.5 | 0.0 | 0.3 | 212 | 0.5 | 0.0 | 22.0 | 11 | 31.7 | 0.0 |
| 12/4/09 21:00 | 1.6 | 347 | 2.9 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.3 | 265 | 0.5 | 0.0 | 0.4 | 209 | 0.7 | 0.0 | 23.0 | 11 | 33.2 | 0.0 |
| 12/4/09 21:30 | 1.6 | 347 | 2.9 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.3 | 265 | 0.5 | 0.0 | 0.5 | 209 | 0.9 | 0.0 | 31.0 | 11 | 45.6 | 0.0 |
| 12/4/09 22:00 | 1.5 | 347 | 2.7 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.2 | 265 | 0.4 | 0.0 | 0.4 | 209 | 0.7 | 0.0 | 56.0 | 11 | 85.5 | 0.1 |
| 12/4/09 22:30 | 1.4 | 343 | 2.6 | 0.0 | 0.1 | 300 | 0.2 | 0.0 | 0.3 | 264 | 0.5 | 0.0 | 0.3 | 209 | 0.5 | 0.0 | 35.0 | 11 | 51.9 | 0.0 |
| 12/4/09 23:00 | 1.5 | 347 | 2.7 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.3 | 265 | 0.5 | 0.0 | 0.4 | 209 | 0.7 | 0.0 | 23.0 | 11 | 33.2 | 0.0 |
| 12/4/09 23:30 | 1.4 | 343 | 2.6 | 0.0 | 0.1 | 299 | 0.2 | 0.0 | 0.4 | 262 | 0.7 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 25.0 | 11 | 36.3 | 0.0 |
| 12/5/09 0:00 | 1.8 | 343 | 3.3 | 0.1 | 0.2 | 299 | 0.4 | 0.0 | 0.3 | 262 | 0.5 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 34.0 | 11 | 50.3 | 0.0 |
| 12/5/09 0:30 | 1.7 | 343 | 3.1 | 0.1 | 0.2 | 299 | 0.4 | 0.0 | 0.3 | 262 | 0.5 | 0.0 | 0.4 | 207 | 0.7 | 0.0 | 28.0 | 11 | 40.9 | 0.0 |
| 12/5/09 1:00 | 1.5 | 343 | 2.7 | 0.1 | 0.2 | 299 | 0.4 | 0.0 | 0.2 | 262 | 0.4 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 28.0 | 11 | 40.9 | 0.0 |
| 12/5/09 1:30 | 1.4 | 343 | 2.6 | 0.0 | 0.3 | 299 | 0.5 | 0.0 | 0.3 | 262 | 0.5 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 37.0 | 11 | 55.0 | 0.0 |
| 12/5/09 2:00 | 1.3 | 339 | 2.4 | 0.0 | 0.1 | 296 | 0.2 | 0.0 | 0.4 | 259 | 0.7 | 0.0 | 0.3 | 204 | 0.5 | 0.0 | 29.0 | 11 | 42.5 | 0.0 |
| 12/5/09 2:30 | 1.5 | 335 | 2.7 | 0.1 | 0.2 | 294 | 0.4 | 0.0 | 0.3 | 259 | 0.5 | 0.0 | 0.4 | 207 | 0.7 | 0.0 | 27.0 | 11 | 39.4 | 0.0 |
| 12/5/09 3:00 | 1.7 | 339 | 3.1 | 0.1 | 0.1 | 296 | 0.2 | 0.0 | 0.3 | 259 | 0.5 | 0.0 | 0.4 | 204 | 0.7 | 0.0 | 35.0 | 11 | 51.9 | 0.0 |
| 12/5/09 3:30 | 1.4 | 339 | 2.6 | 0.0 | 0.1 | 296 | 0.2 | 0.0 | 0.3 | 259 | 0.5 | 0.0 | 0.3 | 204 | 0.5 | 0.0 | 31.0 | 11 | 45.6 | 0.0 |
| 12/5/09 4:00 | 1.4 | 339 | 2.6 | 0.0 | 0.1 | 296 | 0.2 | 0.0 | 0.3 | 259 | 0.5 | 0.0 | 0.3 | 204 | 0.5 | 0.0 | 24.0 | 11 | 34.8 | 0.0 |
| 12/5/09 4:30 | 1.4 | 339 | 2.6 | 0.0 | 0.2 | 295 | 0.4 | 0.0 | 0.3 | 258 | 0.5 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 31.0 | 11 | 45.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/5/09 5:00 | 1.4 | 335 | 2.6 | 0.0 | 0.1 | 292 | 0.2 | 0.0 | 0.3 | 256 | 0.5 | 0.0 | 0.4 | 202 | 0.7 | 0.0 | 32.0 | 11 | 47.2 | 0.0 |
| 12/5/09 5:30 | 1.4 | 335 | 2.6 | 0.0 | 0.1 | 292 | 0.2 | 0.0 | 0.2 | 256 | 0.4 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 23.0 | 11 | 33.2 | 0.0 |
| 12/5/09 6:00 | 2.3 | 335 | 4.2 | 0.1 | 0.1 | 292 | 0.2 | 0.0 | 0.4 | 255 | 0.7 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 6:30 | 1.4 | 332 | 2.6 | 0.0 | 0.1 | 289 | 0.2 | 0.0 | 0.3 | 253 | 0.5 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 7:00 | 1.6 | 332 | 2.9 | 0.1 | 0.2 | 289 | 0.4 | 0.0 | 0.4 | 253 | 0.7 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 25.0 | 10 | 36.3 | 0.0 |
| 12/5/09 7:30 | 1.3 | 332 | 2.4 | 0.0 | 0.1 | 289 | 0.2 | 0.0 | 0.3 | 253 | 0.5 | 0.0 | 0.4 | 199 | 0.7 | 0.0 | 20.0 | 10 | 28.6 | 0.0 |
| 12/5/09 8:00 | 1.6 | 332 | 2.9 | 0.1 | 0.4 | 289 | 0.7 | 0.0 | 0.6 | 253 | 1.1 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 23.0 | 10 | 33.2 | 0.0 |
| 12/5/09 8:30 | 1.4 | 332 | 2.6 | 0.0 | 0.1 | 289 | 0.2 | 0.0 | 0.3 | 253 | 0.5 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/5/09 9:00 | 3.2 | 328 | 5.9 | 0.1 | 0.1 | 286 | 0.2 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 0.4 | 199 | 0.7 | 0.0 | 29.0 | 10 | 42.5 | 0.0 |
| 12/5/09 9:30 | 1.4 | 328 | 2.6 | 0.0 | 0.1 | 286 | 0.2 | 0.0 | 0.3 | 250 | 0.5 | 0.0 | 0.3 | 197 | 0.5 | 0.0 | 55.0 | 10 | 83.9 | 0.0 |
| 12/5/09 10:00 | 1.5 | 328 | 2.7 | 0.1 | 0.3 | 286 | 0.5 | 0.0 | 0.3 | 250 | 0.5 | 0.0 | 0.4 | 197 | 0.7 | 0.0 | 46.0 | 10 | 69.4 | 0.0 |
| 12/5/09 10:30 | 1.5 | 328 | 2.7 | 0.1 | 0.1 | 286 | 0.2 | 0.0 | 0.3 | 250 | 0.5 | 0.0 | 0.3 | 197 | 0.5 | 0.0 | 30.0 | 10 | 44.0 | 0.0 |
| 12/5/09 11:00 | 1.5 | 324 | 2.7 | 0.0 | 0.1 | 283 | 0.2 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 0.4 | 197 | 0.7 | 0.0 | 25.0 | 10 | 36.3 | 0.0 |
| 12/5/09 11:30 | 1.5 | 328 | 2.7 | 0.1 | 0.1 | 285 | 0.2 | 0.0 | 0.2 | 249 | 0.4 | 0.0 | 0.3 | 194 | 0.5 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 12:00 | 1.4 | 324 | 2.6 | 0.0 | 0.1 | 282 | 0.2 | 0.0 | 0.4 | 247 | 0.7 | 0.0 | 0.3 | 194 | 0.5 | 0.0 | 28.0 | 10 | 40.9 | 0.0 |
| 12/5/09 12:30 | 1.5 | 320 | 2.7 | 0.0 | 0.1 | 280 | 0.2 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 0.3 | 194 | 0.5 | 0.0 | 23.0 | 10 | 33.2 | 0.0 |
| 12/5/09 13:00 | 1.8 | 324 | 3.3 | 0.1 | 0.4 | 282 | 0.7 | 0.0 | 0.3 | 247 | 0.5 | 0.0 | 0.3 | 194 | 0.5 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/5/09 13:30 | 1.5 | 320 | 2.7 | 0.0 | 0.5 | 279 | 0.9 | 0.0 | 0.2 | 244 | 0.4 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 19.0 | 10 | 27.1 | 0.0 |
| 12/5/09 14:00 | 1.4 | 320 | 2.6 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 0.3 | 194 | 0.5 | 0.0 | 29.0 | 10 | 42.5 | 0.0 |
| 12/5/09 14:30 | 1.6 | 320 | 2.9 | 0.1 | 0.1 | 279 | 0.2 | 0.0 | 0.3 | 244 | 0.5 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 15:00 | 1.4 | 320 | 2.6 | 0.0 | 0.2 | 279 | 0.4 | 0.0 | 0.4 | 244 | 0.7 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/5/09 15:30 | 1.3 | 320 | 2.4 | 0.0 | 0.2 | 279 | 0.4 | 0.0 | 0.3 | 244 | 0.5 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 18.0 | 10 | 25.6 | 0.0 |
| 12/5/09 16:00 | 1.4 | 320 | 2.6 | 0.0 | 0.1 | 279 | 0.2 | 0.0 | 0.3 | 244 | 0.5 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 38.0 | 10 | 56.6 | 0.0 |
| 12/5/09 16:30 | 1.4 | 317 | 2.6 | 0.0 | 0.1 | 277 | 0.2 | 0.0 | 0.4 | 243 | 0.7 | 0.0 | 0.4 | 192 | 0.7 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 17:00 | 2.0 | 317 | 3.7 | 0.1 | 0.1 | 276 | 0.2 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 24.0 | 10 | 34.8 | 0.0 |
| 12/5/09 17:30 | 1.4 | 317 | 2.6 | 0.0 | 0.1 | 276 | 0.2 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 0.4 | 190 | 0.7 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/5/09 18:00 | 1.5 | 313 | 2.7 | 0.0 | 0.1 | 273 | 0.2 | 0.0 | 0.3 | 240 | 0.5 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 18.0 | 10 | 25.6 | 0.0 |
| 12/5/09 18:30 | 1.3 | 313 | 2.4 | 0.0 | 0.1 | 273 | 0.2 | 0.0 | 0.2 | 240 | 0.4 | 0.0 | 0.4 | 190 | 0.7 | 0.0 | 19.0 | 10 | 27.1 | 0.0 |
| 12/5/09 19:00 | 1.4 | 313 | 2.6 | 0.0 | 0.1 | 273 | 0.2 | 0.0 | 0.2 | 240 | 0.4 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 21.0 | 10 | 30.2 | 0.0 |
| 12/5/09 19:30 | 1.5 | 313 | 2.7 | 0.0 | 0.1 | 273 | 0.2 | 0.0 | 0.3 | 240 | 0.5 | 0.0 | 0.5 | 190 | 0.9 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/5/09 20:00 | 1.4 | 313 | 2.6 | 0.0 | 0.3 | 273 | 0.5 | 0.0 | 0.3 | 239 | 0.5 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 21.0 | 10 | 30.2 | 0.0 |
| 12/5/09 20:30 | 1.4 | 310 | 2.6 | 0.0 | 0.1 | 270 | 0.2 | 0.0 | 0.3 | 237 | 0.5 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 24.0 | 10 | 34.8 | 0.0 |
| 12/5/09 21:00 | 1.5 | 310 | 2.7 | 0.0 | 0.1 | 270 | 0.2 | 0.0 | 0.2 | 237 | 0.4 | 0.0 | 0.4 | 187 | 0.7 | 0.0 | 25.0 | 10 | 36.3 | 0.0 |
| 12/5/09 21:30 | 1.5 | 310 | 2.7 | 0.0 | 0.2 | 270 | 0.4 | 0.0 | 0.3 | 237 | 0.5 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 24.0 | 10 | 34.8 | 0.0 |
| 12/5/09 22:00 | 1.4 | 313 | 2.6 | 0.0 | 0.1 | 273 | 0.2 | 0.0 | 0.3 | 239 | 0.5 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 12/5/09 22:30 | 1.5 | 310 | 2.7 | 0.0 | 0.1 | 269 | 0.2 | 0.0 | 0.3 | 236 | 0.5 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/5/09 23:00 | 1.5 | 310 | 2.7 | 0.0 | 0.1 | 269 | 0.2 | 0.0 | 0.2 | 236 | 0.4 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 17.0 | 10 | 24.1 | 0.0 |
| 12/5/09 23:30 | 1.7 | 310 | 3.1 | 0.1 | 0.3 | 269 | 0.5 | 0.0 | 0.3 | 236 | 0.5 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/6/09 0:00 | 1.5 | 306 | 2.7 | 0.0 | 0.2 | 267 | 0.4 | 0.0 | 0.3 | 234 | 0.5 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/6/09 0:30 | 1.4 | 310 | 2.6 | 0.0 | 0.1 | 269 | 0.2 | 0.0 | 0.4 | 236 | 0.7 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 18.0 | 10 | 25.6 | 0.0 |
| 12/6/09 1:00 | 1.6 | 306 | 2.9 | 0.1 | 0.1 | 267 | 0.2 | 0.0 | 0.3 | 234 | 0.5 | 0.0 | 0.4 | 185 | 0.7 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/6/09 1:30 | 1.4 | 306 | 2.6 | 0.0 | 0.1 | 267 | 0.2 | 0.0 | 0.3 | 234 | 0.5 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 17.0 | 10 | 24.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/6/09 2:00 | 1.3 | 306 | 2.4 | 0.0 | 0.1 | 266 | 0.2 | 0.0 | 0.3 | 233 | 0.5 | 0.0 | 0.3 | 183 | 0.5 | 0.0 | 14.0 | 10 | 19.6 | 0.0 |
| 12/6/09 2:30 | 1.4 | 306 | 2.6 | 0.0 | 0.1 | 266 | 0.2 | 0.0 | 0.3 | 233 | 0.5 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 17.0 | 10 | 24.1 | 0.0 |
| 12/6/09 3:00 | 1.4 | 306 | 2.6 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 0.3 | 233 | 0.5 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 22.0 | 10 | 31.7 | 0.0 |
| 12/6/09 3:30 | 1.5 | 306 | 2.7 | 0.0 | 0.1 | 266 | 0.2 | 0.0 | 0.3 | 233 | 0.5 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 18.0 | 10 | 25.6 | 0.0 |
| 12/6/09 4:00 | 1.4 | 306 | 2.6 | 0.0 | 0.1 | 266 | 0.2 | 0.0 | 0.2 | 233 | 0.4 | 0.0 | 0.3 | 183 | 0.5 | 0.0 | 18.0 | 10 | 25.6 | 0.0 |
| 12/6/09 4:30 | 1.4 | 303 | 2.6 | 0.0 | 0.1 | 264 | 0.2 | 0.0 | 0.4 | 231 | 0.7 | 0.0 | 0.6 | 183 | 1.1 | 0.0 | 14.0 | 10 | 19.6 | 0.0 |
| 12/6/09 5:00 | 1.4 | 303 | 2.6 | 0.0 | 0.1 | 263 | 0.2 | 0.0 | 0.4 | 230 | 0.7 | 0.0 | 0.3 | 180 | 0.5 | 0.0 | 14.0 | 10 | 19.6 | 0.0 |
| 12/6/09 5:30 | 1.5 | 299 | 2.7 | 0.0 | 0.1 | 261 | 0.2 | 0.0 | 0.3 | 229 | 0.5 | 0.0 | 0.3 | 180 | 0.5 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/6/09 6:00 | 1.5 | 299 | 2.7 | 0.0 | 0.1 | 261 | 0.2 | 0.0 | 0.2 | 229 | 0.4 | 0.0 | 0.3 | 180 | 0.5 | 0.0 | 16.0 | 10 | 22.6 | 0.0 |
| 12/6/09 6:30 | 1.4 | 299 | 2.6 | 0.0 | 0.1 | 261 | 0.2 | 0.0 | 0.3 | 229 | 0.5 | 0.0 | 0.7 | 180 | 1.3 | 0.0 | 17.0 | 10 | 24.1 | 0.0 |
| 12/6/09 7:00 | 1.4 | 299 | 2.6 | 0.0 | 0.1 | 260 | 0.2 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 18.0 | 9 | 25.6 | 0.0 |
| 12/6/09 7:30 | 1.5 | 299 | 2.7 | 0.0 | 0.1 | 260 | 0.2 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 16.0 | 9 | 22.6 | 0.0 |
| 12/6/09 8:00 | 3.5 | 299 | 6.5 | 0.1 | 0.1 | 260 | 0.2 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 16.0 | 9 | 22.6 | 0.0 |
| 12/6/09 8:30 | 1.5 | 299 | 2.7 | 0.0 | 0.1 | 260 | 0.2 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 0.4 | 178 | 0.7 | 0.0 | 16.0 | 9 | 22.6 | 0.0 |
| 12/6/09 9:00 | 1.6 | 296 | 2.9 | 0.0 | 0.1 | 258 | 0.2 | 0.0 | 0.3 | 226 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 21.0 | 9 | 30.2 | 0.0 |
| 12/6/09 9:30 | 1.4 | 296 | 2.6 | 0.0 | 0.1 | 258 | 0.2 | 0.0 | 0.3 | 226 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 15.0 | 9 | 21.1 | 0.0 |
| 12/6/09 10:00 | 1.5 | 296 | 2.7 | 0.0 | 0.1 | 257 | 0.2 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 0.3 | 176 | 0.5 | 0.0 | 15.0 | 9 | 21.1 | 0.0 |
| 12/6/09 10:30 | 1.5 | 292 | 2.7 | 0.0 | 0.1 | 255 | 0.2 | 0.0 | 0.3 | 224 | 0.5 | 0.0 | 0.3 | 178 | 0.5 | 0.0 | 17.0 | 9 | 24.1 | 0.0 |
| 12/6/09 11:00 | 1.6 | 296 | 2.9 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 23.0 | 9 | 33.2 | 0.0 |
| 12/6/09 11:30 | 1.3 | 296 | 2.4 | 0.0 | 0.1 | 257 | 0.2 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 22.0 | 9 | 31.7 | 0.0 |
| 12/6/09 12:00 | 1.4 | 292 | 2.6 | 0.0 | 0.1 | 254 | 0.2 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 0.3 | 174 | 0.5 | 0.0 | 18.0 | 9 | 25.6 | 0.0 |
| 12/6/09 12:30 | 2.2 | 296 | 4.0 | 0.1 | 0.1 | 257 | 0.2 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 0.3 | 176 | 0.5 | 0.0 | 15.0 | 9 | 21.1 | 0.0 |
| 12/6/09 13:00 | 1.6 | 292 | 2.9 | 0.0 | 0.1 | 254 | 0.2 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 0.3 | 174 | 0.5 | 0.0 | 18.0 | 9 | 25.6 | 0.0 |
| 12/6/09 13:30 | 1.4 | 292 | 2.6 | 0.0 | 0.1 | 254 | 0.2 | 0.0 | 0.3 | 222 | 0.5 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 10.0 | 9 | 13.7 | 0.0 |
| 12/6/09 14:00 | 1.4 | 292 | 2.6 | 0.0 | 0.1 | 254 | 0.2 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 9.6 | 9 | 13.1 | 0.0 |
| 12/6/09 14:30 | 1.4 | 289 | 2.6 | 0.0 | 0.1 | 252 | 0.2 | 0.0 | 0.2 | 220 | 0.4 | 0.0 | 0.3 | 174 | 0.5 | 0.0 | 11.0 | 9 | 15.2 | 0.0 |
| 12/6/09 15:00 | 1.3 | 289 | 2.4 | 0.0 | 0.1 | 252 | 0.2 | 0.0 | 0.3 | 220 | 0.5 | 0.0 | 0.3 | 174 | 0.5 | 0.0 | 12.0 | 9 | 16.6 | 0.0 |
| 12/6/09 15:30 | 1.4 | 289 | 2.6 | 0.0 | 0.0 | 251 | 0.0 | 0.0 | 0.3 | 219 | 0.5 | 0.0 | 0.3 | 171 | 0.5 | 0.0 | 15.0 | 9 | 21.1 | 0.0 |
| 12/6/09 16:00 | 1.6 | 289 | 2.9 | 0.0 | 0.1 | 252 | 0.2 | 0.0 | 0.3 | 220 | 0.5 | 0.0 | 0.3 | 174 | 0.5 | 0.0 | 14.0 | 9 | 19.6 | 0.0 |
| 12/6/09 16:30 | 1.4 | 285 | 2.6 | 0.0 | 0.1 | 249 | 0.2 | 0.0 | 0.4 | 218 | 0.7 | 0.0 | 0.3 | 171 | 0.5 | 0.0 | 24.0 | 9 | 34.8 | 0.0 |
| 12/6/09 17:00 | 1.5 | 285 | 2.7 | 0.0 | 0.1 | 249 | 0.2 | 0.0 | 0.3 | 218 | 0.5 | 0.0 | 0.3 | 171 | 0.5 | 0.0 | 12.0 | 9 | 16.6 | 0.0 |
| 12/6/09 17:30 | 1.6 | 289 | 2.9 | 0.0 | 0.4 | 250 | 0.7 | 0.0 | 0.3 | 218 | 0.5 | 0.0 | 0.5 | 169 | 0.9 | 0.0 | 13.0 | 9 | 18.1 | 0.0 |
| 12/6/09 18:00 | 1.6 | 285 | 2.9 | 0.0 | 0.1 | 248 | 0.2 | 0.0 | 0.4 | 216 | 0.7 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 13.0 | 9 | 18.1 | 0.0 |
| 12/6/09 18:30 | 1.5 | 285 | 2.7 | 0.0 | 0.1 | 248 | 0.2 | 0.0 | 0.3 | 216 | 0.5 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 7.7 | 9 | 10.4 | 0.0 |
| 12/6/09 19:00 | 1.4 | 285 | 2.6 | 0.0 | 0.1 | 247 | 0.2 | 0.0 | 0.3 | 215 | 0.5 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 15.0 | 9 | 21.1 | 0.0 |
| 12/6/09 19:30 | 1.5 | 282 | 2.7 | 0.0 | 0.1 | 246 | 0.2 | 0.0 | 0.3 | 215 | 0.5 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 10.0 | 9 | 13.7 | 0.0 |
| 12/6/09 20:00 | 1.4 | 285 | 2.6 | 0.0 | 0.1 | 247 | 0.2 | 0.0 | 0.3 | 215 | 0.5 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 11.0 | 9 | 15.2 | 0.0 |
| 12/6/09 20:30 | 1.3 | 282 | 2.4 | 0.0 | 0.1 | 245 | 0.2 | 0.0 | 0.2 | 214 | 0.4 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 16.0 | 9 | 22.6 | 0.0 |
| 12/6/09 21:00 | 1.5 | 282 | 2.7 | 0.0 | 0.1 | 245 | 0.2 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 34.0 | 9 | 50.3 | 0.0 |
| 12/6/09 21:30 | 1.4 | 282 | 2.6 | 0.0 | 0.1 | 244 | 0.2 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 35.0 | 9 | 51.9 | 0.0 |
| 12/6/09 22:00 | 1.6 | 282 | 2.9 | 0.0 | 0.1 | 245 | 0.2 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 28.0 | 9 | 40.9 | 0.0 |
| 12/6/09 22:30 | 1.4 | 279 | 2.6 | 0.0 | 0.1 | 242 | 0.2 | 0.0 | 0.3 | 211 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 28.0 | 9 | 40.9 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/6/09 23:00 | 1.4 | 279 | 2.6 | 0.0 | 0.1 | 242 | 0.2 | 0.0 | 0.3 | 211 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 37.0 | 9 | 55.0 | 0.0 |
| 12/6/09 23:30 | 1.7 | 279 | 3.1 | 0.0 | 0.1 | 242 | 0.2 | 0.0 | 0.3 | 211 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 24.0 | 9 | 34.8 | 0.0 |
| 12/7/09 0:00 | 1.6 | 275 | 2.9 | 0.0 | 0.1 | 240 | 0.2 | 0.0 | 0.4 | 210 | 0.7 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 10.0 | 9 | 13.7 | 0.0 |
| 12/7/09 0:30 | 1.3 | 275 | 2.4 | 0.0 | 0.1 | 239 | 0.2 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.4 | 163 | 0.7 | 0.0 | 11.0 | 9 | 15.2 | 0.0 |
| 12/7/09 1:00 | 1.3 | 275 | 2.4 | 0.0 | 0.3 | 239 | 0.5 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 18.0 | 9 | 25.6 | 0.0 |
| 12/7/09 1:30 | 1.4 | 279 | 2.6 | 0.0 | 0.5 | 241 | 0.9 | 0.0 | 0.3 | 210 | 0.5 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 12.0 | 9 | 16.6 | 0.0 |
| 12/7/09 2:00 | 1.8 | 272 | 3.3 | 0.1 | 0.2 | 236 | 0.4 | 0.0 | 0.3 | 206 | 0.5 | 0.0 | 0.5 | 160 | 0.9 | 0.0 | 19.0 | 9 | 27.1 | 0.0 |
| 12/7/09 2:30 | 1.4 | 272 | 2.6 | 0.0 | 0.2 | 236 | 0.4 | 0.0 | 0.3 | 206 | 0.5 | 0.0 | 0.3 | 160 | 0.5 | 0.0 | 9.9 | 9 | 13.6 | 0.0 |
| 12/7/09 3:00 | 1.5 | 272 | 2.7 | 0.0 | 0.1 | 235 | 0.2 | 0.0 | 0.3 | 205 | 0.5 | 0.0 | 0.3 | 158 | 0.5 | 0.0 | 16.0 | 8 | 22.6 | 0.0 |
| 12/7/09 3:30 | 1.6 | 272 | 2.9 | 0.0 | 0.3 | 235 | 0.5 | 0.0 | 0.3 | 205 | 0.5 | 0.0 | 0.3 | 158 | 0.5 | 0.0 | 31.0 | 8 | 45.6 | 0.0 |
| 12/7/09 4:00 | 1.6 | 272 | 2.9 | 0.0 | 0.2 | 235 | 0.4 | 0.0 | 0.3 | 203 | 0.5 | 0.0 | 0.4 | 156 | 0.7 | 0.0 | 12.0 | 8 | 16.6 | 0.0 |
| 12/7/09 4:30 | 1.5 | 272 | 2.7 | 0.0 | 0.1 | 235 | 0.2 | 0.0 | 0.3 | 203 | 0.5 | 0.0 | 0.3 | 156 | 0.5 | 0.0 | 10.0 | 8 | 13.7 | 0.0 |
| 12/7/09 5:00 | 1.6 | 269 | 2.9 | 0.0 | 0.1 | 232 | 0.2 | 0.0 | 0.3 | 201 | 0.5 | 0.0 | 0.4 | 154 | 0.7 | 0.0 | 14.0 | 8 | 19.6 | 0.0 |
| 12/7/09 5:30 | 1.4 | 269 | 2.6 | 0.0 | 0.1 | 232 | 0.2 | 0.0 | 0.4 | 201 | 0.7 | 0.0 | 0.3 | 154 | 0.5 | 0.0 | 12.0 | 8 | 16.6 | 0.0 |
| 12/7/09 6:00 | 1.5 | 269 | 2.7 | 0.0 | 0.2 | 232 | 0.4 | 0.0 | 0.3 | 201 | 0.5 | 0.0 | 0.4 | 154 | 0.7 | 0.0 | 7.7 | 8 | 10.4 | 0.0 |
| 12/7/09 6:30 | 1.4 | 269 | 2.6 | 0.0 | 0.7 | 231 | 1.3 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 0.3 | 152 | 0.5 | 0.0 | 7.3 | 8 | 9.8 | 0.0 |
| 12/7/09 7:00 | 1.4 | 269 | 2.6 | 0.0 | 0.1 | 230 | 0.2 | 0.0 | 0.3 | 198 | 0.5 | 0.0 | 0.4 | 150 | 0.7 | 0.0 | 6.4 | 8 | 8.5 | 0.0 |
| 12/7/09 7:30 | 1.6 | 265 | 2.9 | 0.0 | 0.1 | 228 | 0.2 | 0.0 | 0.3 | 196 | 0.5 | 0.0 | 0.3 | 148 | 0.5 | 0.0 | 4.8 | 8 | 6.3 | 0.0 |
| 12/7/09 8:00 | 1.6 | 265 | 2.9 | 0.0 | 0.0 | 227 | 0.0 | 0.0 | 0.3 | 195 | 0.5 | 0.0 | 0.3 | 146 | 0.5 | 0.0 | 5.6 | 8 | 7.4 | 0.0 |
| 12/7/09 8:30 | 1.3 | 265 | 2.4 | 0.0 | 0.2 | 226 | 0.4 | 0.0 | 0.4 | 193 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 3.9 | 8 | 5.0 | 0.0 |
| 12/7/09 9:00 | 1.4 | 262 | 2.6 | 0.0 | 0.0 | 223 | 0.0 | 0.0 | 0.3 | 191 | 0.5 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 5.8 | 8 | 7.7 | 0.0 |
| 12/7/09 9:30 | 1.4 | 262 | 2.6 | 0.0 | 0.3 | 223 | 0.5 | 0.0 | 0.3 | 191 | 0.5 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 4.4 | 8 | 5.7 | 0.0 |
| 12/7/09 10:00 | 1.4 | 262 | 2.6 | 0.0 | 0.1 | 223 | 0.2 | 0.0 | 0.7 | 190 | 1.3 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 3.9 | 7 | 5.0 | 0.0 |
| 12/7/09 10:30 | 1.5 | 262 | 2.7 | 0.0 | 0.1 | 223 | 0.2 | 0.0 | 0.4 | 190 | 0.7 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/7/09 11:00 | 1.5 | 259 | 2.7 | 0.0 | 0.1 | 220 | 0.2 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 8.5 | 7 | 11.5 | 0.0 |
| 12/7/09 11:30 | 1.4 | 256 | 2.6 | 0.0 | 0.0 | 218 | 0.0 | 0.0 | 0.3 | 186 | 0.5 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 7.0 | 7 | 9.4 | 0.0 |
| 12/7/09 12:00 | 1.5 | 256 | 2.7 | 0.0 | 0.0 | 217 | 0.0 | 0.0 | 0.4 | 185 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 5.1 | 7 | 6.7 | 0.0 |
| 12/7/09 12:30 | 1.6 | 256 | 2.9 | 0.0 | 0.1 | 217 | 0.2 | 0.0 | 0.6 | 185 | 1.1 | 0.0 | 0.5 | 136 | 0.9 | 0.0 | 6.6 | 7 | 8.8 | 0.0 |
| 12/7/09 13:00 | 1.4 | 256 | 2.6 | 0.0 | 0.3 | 218 | 0.5 | 0.0 | 0.7 | 186 | 1.3 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 7.0 | 7 | 9.4 | 0.0 |
| 12/7/09 13:30 | 1.6 | 249 | 2.9 | 0.0 | 0.1 | 214 | 0.2 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 5.0 | 7 | 6.6 | 0.0 |
| 12/7/09 14:00 | 1.6 | 249 | 2.9 | 0.0 | 0.5 | 215 | 0.9 | 0.0 | 0.4 | 187 | 0.7 | 0.0 | 0.4 | 144 | 0.7 | 0.0 | 4.1 | 8 | 5.3 | 0.0 |
| 12/7/09 14:30 | 1.5 | 246 | 2.7 | 0.0 | 1.0 | 213 | 1.8 | 0.0 | 0.4 | 186 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 4.6 | 8 | 6.0 | 0.0 |
| 12/7/09 15:00 | 1.3 | 246 | 2.4 | 0.0 | 0.1 | 214 | 0.2 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 0.5 | 146 | 0.9 | 0.0 | 4.5 | 8 | 5.9 | 0.0 |
| 12/7/09 15:30 | 1.8 | 243 | 3.3 | 0.0 | 0.1 | 211 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 5.8 | 8 | 7.7 | 0.0 |
| 12/7/09 16:00 | 1.6 | 243 | 2.9 | 0.0 | 0.0 | 211 | 0.0 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 9.2 | 8 | 12.6 | 0.0 |
| 12/7/09 16:30 | 1.5 | 243 | 2.7 | 0.0 | 0.0 | 211 | 0.0 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 5.7 | 8 | 7.5 | 0.0 |
| 12/7/09 17:00 | 1.5 | 240 | 2.7 | 0.0 | 0.1 | 209 | 0.2 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 0.4 | 144 | 0.7 | 0.0 | 4.8 | 8 | 6.3 | 0.0 |
| 12/7/09 17:30 | 1.5 | 240 | 2.7 | 0.0 | 0.1 | 209 | 0.2 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 4.6 | 8 | 6.0 | 0.0 |
| 12/7/09 18:00 | 1.5 | 237 | 2.7 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.6 | 144 | 1.1 | 0.0 | 6.4 | 8 | 8.5 | 0.0 |
| 12/7/09 18:30 | 1.7 | 240 | 3.1 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.4 | 182 | 0.7 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 10.0 | 8 | 13.7 | 0.0 |
| 12/7/09 19:00 | 1.4 | 240 | 2.6 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.4 | 182 | 0.7 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 9.2 | 8 | 12.6 | 0.0 |
| 12/7/09 19:30 | 1.4 | 243 | 2.6 | 0.0 | 0.3 | 210 | 0.5 | 0.0 | 0.4 | 183 | 0.7 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 6.4 | 8 | 8.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/7/09 20:00 | 1.6 | 243 | 2.9 | 0.0 | 0.1 | 210 | 0.2 | 0.0 | 0.8 | 183 | 1.4 | 0.0 | 2.1 | 142 | 3.9 | 0.0 | 5.8 | 8 | 7.7 | 0.0 |
| 12/7/09 20:30 | 2.5 | 246 | 4.6 | 0.1 | 0.4 | 212 | 0.7 | 0.0 | 0.3 | 183 | 0.5 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 19.0 | 7 | 27.1 | 0.0 |
| 12/7/09 21:00 | 1.5 | 249 | 2.7 | 0.0 | 0.0 | 213 | 0.0 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 6.4 | 7 | 8.5 | 0.0 |
| 12/7/09 21:30 | 1.5 | 259 | 2.7 | 0.0 | 0.1 | 219 | 0.2 | 0.0 | 0.3 | 186 | 0.5 | 0.0 | 0.5 | 136 | 0.9 | 0.0 | 5.7 | 7 | 7.5 | 0.0 |
| 12/7/09 22:00 | 1.4 | 256 | 2.6 | 0.0 | 0.1 | 217 | 0.2 | 0.0 | 0.5 | 184 | 0.9 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 6.0 | 7 | 8.0 | 0.0 |
| 12/7/09 22:30 | 1.5 | 256 | 2.7 | 0.0 | 0.1 | 217 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/7/09 23:00 | 1.6 | 256 | 2.9 | 0.0 | 0.1 | 217 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 6.0 | 7 | 8.0 | 0.0 |
| 12/7/09 23:30 | 1.7 | 256 | 3.1 | 0.0 | 0.1 | 216 | 0.2 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/8/09 0:00 | 1.4 | 249 | 2.6 | 0.0 | 0.1 | 212 | 0.2 | 0.0 | 0.4 | 180 | 0.7 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 5.8 | 7 | 7.7 | 0.0 |
| 12/8/09 0:30 | 1.5 | 249 | 2.7 | 0.0 | 0.6 | 212 | 1.1 | 0.0 | 0.3 | 180 | 0.5 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 5.3 | 7 | 7.0 | 0.0 |
| 12/8/09 1:00 | 1.4 | 249 | 2.6 | 0.0 | 0.1 | 211 | 0.2 | 0.0 | 0.4 | 179 | 0.7 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/8/09 1:30 | 1.5 | 246 | 2.7 | 0.0 | 0.4 | 208 | 0.7 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/8/09 2:00 | 1.4 | 246 | 2.6 | 0.0 | 0.4 | 208 | 0.7 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 3.2 | 7 | 4.1 | 0.0 |
| 12/8/09 2:30 | 1.5 | 246 | 2.7 | 0.0 | 0.1 | 208 | 0.2 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 3.9 | 7 | 5.0 | 0.0 |
| 12/8/09 3:00 | 1.7 | 243 | 3.1 | 0.0 | 0.3 | 206 | 0.5 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 3.4 | 7 | 4.4 | 0.0 |
| 12/8/09 3:30 | 1.7 | 243 | 3.1 | 0.0 | 0.2 | 206 | 0.4 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 4.1 | 7 | 5.3 | 0.0 |
| 12/8/09 4:00 | 1.5 | 240 | 2.7 | 0.0 | 0.1 | 203 | 0.2 | 0.0 | 0.4 | 172 | 0.7 | 0.0 | 0.5 | 125 | 0.9 | 0.0 | 3.1 | 7 | 4.0 | 0.0 |
| 12/8/09 4:30 | 1.7 | 237 | 3.1 | 0.0 | 0.2 | 201 | 0.4 | 0.0 | 0.5 | 170 | 0.9 | 0.0 | 0.4 | 125 | 0.7 | 0.0 | 3.4 | 7 | 4.4 | 0.0 |
| 12/8/09 5:00 | 1.6 | 237 | 2.9 | 0.0 | 0.1 | 200 | 0.2 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 0.4 | 123 | 0.7 | 0.0 | 3.3 | 7 | 4.2 | 0.0 |
| 12/8/09 5:30 | 1.6 | 234 | 2.9 | 0.0 | 0.2 | 198 | 0.4 | 0.0 | 0.4 | 168 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 2.6 | 7 | 3.3 | 0.0 |
| 12/8/09 6:00 | 1.7 | 237 | 3.1 | 0.0 | 0.1 | 200 | 0.2 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 0.9 | 123 | 1.6 | 0.0 | 3.1 | 7 | 4.0 | 0.0 |
| 12/8/09 6:30 | 1.7 | 234 | 3.1 | 0.0 | 0.1 | 197 | 0.2 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.1 | 7 | 4.0 | 0.0 |
| 12/8/09 7:00 | 1.6 | 234 | 2.9 | 0.0 | 0.1 | 197 | 0.2 | 0.0 | 0.6 | 167 | 1.1 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.0 | 7 | 3.8 | 0.0 |
| 12/8/09 7:30 | 1.6 | 234 | 2.9 | 0.0 | 0.1 | 197 | 0.2 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.3 | 7 | 4.2 | 0.0 |
| 12/8/09 8:00 | 1.5 | 234 | 2.7 | 0.0 | 0.1 | 198 | 0.2 | 0.0 | 0.4 | 168 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 3.5 | 7 | 4.5 | 0.0 |
| 12/8/09 8:30 | 1.6 | 231 | 2.9 | 0.0 | 0.0 | 196 | 0.0 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 0.4 | 123 | 0.7 | 0.0 | 3.3 | 7 | 4.2 | 0.0 |
| 12/8/09 9:00 | 1.5 | 228 | 2.7 | 0.0 | 0.1 | 194 | 0.2 | 0.0 | 0.9 | 166 | 1.6 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 3.6 | 7 | 4.6 | 0.0 |
| 12/8/09 9:30 | 1.5 | 228 | 2.7 | 0.0 | 0.1 | 193 | 0.2 | 0.0 | 0.7 | 164 | 1.3 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.2 | 7 | 4.1 | 0.0 |
| 12/8/09 10:00 | 1.5 | 225 | 2.7 | 0.0 | 0.1 | 191 | 0.2 | 0.0 | 0.4 | 163 | 0.7 | 0.0 | 0.4 | 121 | 0.7 | 0.0 | 3.6 | 7 | 4.6 | 0.0 |
| 12/8/09 10:30 | 1.7 | 225 | 3.1 | 0.0 | 0.1 | 191 | 0.2 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.6 | 7 | 4.6 | 0.0 |
| 12/8/09 11:00 | 1.8 | 216 | 3.3 | 0.0 | 0.1 | 186 | 0.2 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 3.8 | 7 | 4.9 | 0.0 |
| 12/8/09 11:30 | 1.7 | 210 | 3.1 | 0.0 | 0.1 | 182 | 0.2 | 0.0 | 0.3 | 158 | 0.5 | 0.0 | 0.4 | 123 | 0.7 | 0.0 | 4.0 | 7 | 5.2 | 0.0 |
| 12/8/09 12:00 | 1.8 | 207 | 3.3 | 0.0 | 0.1 | 180 | 0.2 | 0.0 | 0.4 | 157 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 3.9 | 7 | 5.0 | 0.0 |
| 12/8/09 12:30 | 1.6 | 204 | 2.9 | 0.0 | 0.1 | 179 | 0.2 | 0.0 | 0.4 | 157 | 0.7 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 3.7 | 7 | 4.8 | 0.0 |
| 12/8/09 13:00 | 1.5 | 204 | 2.7 | 0.0 | 0.2 | 179 | 0.4 | 0.0 | 0.4 | 158 | 0.7 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 4.1 | 7 | 5.3 | 0.0 |
| 12/8/09 13:30 | 1.7 | 204 | 3.1 | 0.0 | 0.1 | 180 | 0.2 | 0.0 | 0.5 | 159 | 0.9 | 0.0 | 0.4 | 128 | 0.7 | 0.0 | 5.9 | 7 | 7.8 | 0.0 |
| 12/8/09 14:00 | 1.7 | 204 | 3.1 | 0.0 | 0.1 | 181 | 0.2 | 0.0 | 0.4 | 160 | 0.7 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 6.1 | 7 | 8.1 | 0.0 |
| 12/8/09 14:30 | 1.7 | 204 | 3.1 | 0.0 | 0.2 | 181 | 0.4 | 0.0 | 0.5 | 160 | 0.9 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 5.8 | 7 | 7.7 | 0.0 |
| 12/8/09 15:00 | 1.5 | 207 | 2.7 | 0.0 | 0.2 | 183 | 0.4 | 0.0 | 0.7 | 163 | 1.3 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 19.0 | 7 | 27.1 | 0.0 |
| 12/8/09 15:30 | 1.6 | 210 | 2.9 | 0.0 | 0.1 | 186 | 0.2 | 0.0 | 0.6 | 165 | 1.1 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 7.1 | 7 | 9.5 | 0.0 |
| 12/8/09 16:00 | 1.5 | 219 | 2.7 | 0.0 | 0.1 | 192 | 0.2 | 0.0 | 0.4 | 170 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 5.7 | 7 | 7.5 | 0.0 |
| 12/8/09 16:30 | 1.6 | 219 | 2.9 | 0.0 | 0.2 | 192 | 0.4 | 0.0 | 0.5 | 170 | 0.9 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3$/s) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3$/s) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3$/s) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3$/s) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3$/s) | SSC (mg/L) | SSL (T) |
| 12/8/09 17:00 | 1.6 | 222 | 2.9 | 0.0 | 0.4 | 194 | 0.7 | 0.0 | 0.4 | 171 | 0.7 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 7.7 | 7 | 10.4 | 0.0 |
| 12/8/09 17:30 | 1.5 | 228 | 2.7 | 0.0 | 0.8 | 198 | 1.4 | 0.0 | 0.6 | 173 | 1.1 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/8/09 18:00 | 1.7 | 237 | 3.1 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 0.5 | 177 | 0.9 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 5.6 | 7 | 7.4 | 0.0 |
| 12/8/09 18:30 | 1.5 | 240 | 2.7 | 0.0 | 0.3 | 206 | 0.5 | 0.0 | 0.5 | 178 | 0.9 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 6.2 | 7 | 8.3 | 0.0 |
| 12/8/09 19:00 | 1.6 | 240 | 2.9 | 0.0 | 1.4 | 207 | 2.6 | 0.0 | 0.7 | 179 | 1.3 | 0.0 | 0.4 | 138 | 0.7 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/8/09 19:30 | 1.6 | 237 | 2.9 | 0.0 | 0.3 | 205 | 0.5 | 0.0 | 0.6 | 178 | 1.1 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 4.4 | 7 | 5.7 | 0.0 |
| 12/8/09 20:00 | 1.7 | 234 | 3.1 | 0.0 | 0.3 | 203 | 0.5 | 0.0 | 0.4 | 177 | 0.7 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/8/09 20:30 | 1.5 | 234 | 2.7 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/8/09 21:00 | 1.8 | 234 | 3.3 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 0.6 | 176 | 1.1 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.9 | 7 | 9.2 | 0.0 |
| 12/8/09 21:30 | 1.6 | 234 | 2.9 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/8/09 22:00 | 1.5 | 234 | 2.7 | 0.0 | 0.1 | 201 | 0.2 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 3.8 | 7 | 4.9 | 0.0 |
| 12/8/09 22:30 | 1.7 | 234 | 3.1 | 0.0 | 0.3 | 201 | 0.5 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.9 | 7 | 7.8 | 0.0 |
| 12/8/09 23:00 | 1.7 | 234 | 3.1 | 0.0 | 0.2 | 201 | 0.4 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/8/09 23:30 | 1.7 | 231 | 3.1 | 0.0 | 0.1 | 198 | 0.2 | 0.0 | 0.4 | 171 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 6.5 | 7 | 8.7 | 0.0 |
| 12/9/09 0:00 | 1.6 | 231 | 2.9 | 0.0 | 0.2 | 198 | 0.4 | 0.0 | 0.6 | 170 | 1.1 | 0.0 | 0.4 | 128 | 0.7 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/9/09 0:30 | 1.5 | 231 | 2.7 | 0.0 | 0.4 | 198 | 0.7 | 0.0 | 0.3 | 170 | 0.5 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/9/09 1:00 | 1.6 | 228 | 2.9 | 0.0 | 0.1 | 195 | 0.2 | 0.0 | 0.3 | 168 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 3.5 | 7 | 4.5 | 0.0 |
| 12/9/09 1:30 | 1.6 | 228 | 2.9 | 0.0 | 0.1 | 195 | 0.2 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.8 | 125 | 1.4 | 0.0 | 9.2 | 7 | 12.6 | 0.0 |
| 12/9/09 2:00 | 1.7 | 225 | 3.1 | 0.0 | 0.2 | 192 | 0.4 | 0.0 | 0.3 | 164 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 15.0 | 7 | 21.1 | 0.0 |
| 12/9/09 2:30 | 1.6 | 225 | 2.9 | 0.0 | 0.1 | 192 | 0.2 | 0.0 | 0.3 | 164 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 10.0 | 7 | 13.7 | 0.0 |
| 12/9/09 3:00 | 1.5 | 225 | 2.7 | 0.0 | 0.1 | 191 | 0.2 | 0.0 | 0.4 | 163 | 0.7 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/9/09 3:30 | 1.6 | 222 | 2.9 | 0.0 | 0.2 | 189 | 0.4 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 4.3 | 6 | 5.6 | 0.0 |
| 12/9/09 4:00 | 1.5 | 222 | 2.7 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 161 | 0.5 | 0.0 | 0.4 | 119 | 0.7 | 0.0 | 3.9 | 6 | 5.0 | 0.0 |
| 12/9/09 4:30 | 1.6 | 219 | 2.9 | 0.0 | 0.1 | 186 | 0.2 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.5 | 118 | 0.9 | 0.0 | 3.2 | 6 | 4.1 | 0.0 |
| 12/9/09 5:00 | 1.6 | 219 | 2.9 | 0.0 | 0.1 | 186 | 0.2 | 0.0 | 0.4 | 159 | 0.7 | 0.0 | 0.3 | 118 | 0.5 | 0.0 | 8.9 | 6 | 12.1 | 0.0 |
| 12/9/09 5:30 | 1.7 | 219 | 3.1 | 0.0 | 0.2 | 185 | 0.4 | 0.0 | 0.4 | 157 | 0.7 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 3.4 | 6 | 4.4 | 0.0 |
| 12/9/09 6:00 | 1.5 | 216 | 2.7 | 0.0 | 0.1 | 183 | 0.2 | 0.0 | 0.3 | 155 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 2.8 | 6 | 3.5 | 0.0 |
| 12/9/09 6:30 | 1.6 | 216 | 2.9 | 0.0 | 0.1 | 182 | 0.2 | 0.0 | 0.3 | 154 | 0.5 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 9.7 | 6 | 13.3 | 0.0 |
| 12/9/09 7:00 | 1.5 | 210 | 2.7 | 0.0 | 0.2 | 179 | 0.4 | 0.0 | 0.3 | 153 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 6.8 | 6 | 9.1 | 0.0 |
| 12/9/09 7:30 | 1.8 | 207 | 3.3 | 0.0 | 0.1 | 177 | 0.2 | 0.0 | 0.3 | 151 | 0.5 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 9.1 | 6 | 12.4 | 0.0 |
| 12/9/09 8:00 | 1.7 | 204 | 3.1 | 0.0 | 0.1 | 175 | 0.2 | 0.0 | 0.3 | 150 | 0.5 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 3.5 | 6 | 4.5 | 0.0 |
| 12/9/09 8:30 | 1.6 | 204 | 2.9 | 0.0 | 0.2 | 175 | 0.4 | 0.0 | 0.3 | 150 | 0.5 | 0.0 | 0.8 | 112 | 1.4 | 0.0 | 3.6 | 6 | 4.6 | 0.0 |
| 12/9/09 9:00 | 1.5 | 199 | 2.7 | 0.0 | 0.0 | 171 | 0.0 | 0.0 | 0.3 | 147 | 0.5 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 3.2 | 6 | 4.1 | 0.0 |
| 12/9/09 9:30 | 1.6 | 196 | 2.9 | 0.0 | 0.1 | 169 | 0.2 | 0.0 | 0.4 | 145 | 0.7 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 3.0 | 6 | 3.8 | 0.0 |
| 12/9/09 10:00 | 1.6 | 196 | 2.9 | 0.0 | 0.0 | 169 | 0.0 | 0.0 | 0.4 | 146 | 0.7 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 3.0 | 6 | 3.8 | 0.0 |
| 12/9/09 10:30 | 1.7 | 188 | 3.1 | 0.0 | 0.1 | 163 | 0.2 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 2.6 | 6 | 3.3 | 0.0 |
| 12/9/09 11:00 | 1.5 | 185 | 2.7 | 0.0 | 0.1 | 162 | 0.2 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 3.0 | 6 | 3.8 | 0.0 |
| 12/9/09 11:30 | 1.6 | 188 | 2.9 | 0.0 | 0.1 | 164 | 0.2 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 2.7 | 6 | 3.4 | 0.0 |
| 12/9/09 12:00 | 1.5 | 185 | 2.7 | 0.0 | 0.0 | 162 | 0.0 | 0.0 | 0.4 | 143 | 0.7 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 3.0 | 6 | 3.8 | 0.0 |
| 12/9/09 12:30 | 1.8 | 185 | 3.3 | 0.0 | 0.1 | 163 | 0.2 | 0.0 | 0.3 | 145 | 0.5 | 0.0 | 0.3 | 118 | 0.5 | 0.0 | 3.2 | 6 | 4.1 | 0.0 |
| 12/9/09 13:00 | 1.6 | 188 | 2.9 | 0.0 | 0.1 | 166 | 0.2 | 0.0 | 0.3 | 147 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 3.3 | 6 | 4.2 | 0.0 |
| 12/9/09 13:30 | 1.6 | 189 | 2.8 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 0.3 | 148 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 5.0 | 6 | 6.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/9/09 14:00 | 1.7 | 192 | 3.0 | 0.0 | 0.2 | 169 | 0.4 | 0.0 | 0.9 | 150 | 1.6 | 0.0 | 0.4 | 121 | 0.7 | 0.0 | 5.7 | 7 | 7.5 | 0.0 |
| 12/9/09 14:30 | 1.6 | 193 | 2.9 | 0.0 | 0.1 | 170 | 0.2 | 0.0 | 0.5 | 150 | 0.9 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 4.6 | 7 | 6.0 | 0.0 |
| 12/9/09 15:00 | 1.6 | 202 | 2.9 | 0.0 | 0.1 | 178 | 0.2 | 0.0 | 0.5 | 158 | 0.9 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 10.0 | 7 | 13.7 | 0.0 |
| 12/9/09 15:30 | 1.5 | 202 | 2.7 | 0.0 | 0.2 | 178 | 0.4 | 0.0 | 0.6 | 158 | 1.1 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 9.6 | 7 | 13.1 | 0.0 |
| 12/9/09 16:00 | 1.6 | 207 | 2.9 | 0.0 | 0.1 | 182 | 0.2 | 0.0 | 0.6 | 162 | 1.1 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 6.4 | 7 | 8.5 | 0.0 |
| 12/9/09 16:30 | 1.8 | 210 | 3.3 | 0.0 | 0.2 | 185 | 0.4 | 0.0 | 0.5 | 164 | 0.9 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/9/09 17:00 | 1.6 | 210 | 2.9 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 0.4 | 164 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 6.7 | 7 | 9.0 | 0.0 |
| 12/9/09 17:30 | 1.6 | 216 | 2.9 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 0.5 | 167 | 0.9 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/9/09 18:00 | 1.6 | 219 | 2.9 | 0.0 | 0.1 | 192 | 0.2 | 0.0 | 0.5 | 169 | 0.9 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 7.0 | 7 | 9.4 | 0.0 |
| 12/9/09 18:30 | 1.9 | 222 | 3.5 | 0.0 | 0.5 | 194 | 0.9 | 0.0 | 0.6 | 171 | 1.1 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/9/09 19:00 | 1.6 | 222 | 2.9 | 0.0 | 0.2 | 194 | 0.4 | 0.0 | 0.4 | 170 | 0.7 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 4.7 | 7 | 6.2 | 0.0 |
| 12/9/09 19:30 | 1.7 | 219 | 3.1 | 0.0 | 0.2 | 192 | 0.4 | 0.0 | 0.4 | 170 | 0.7 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/9/09 20:00 | 1.9 | 219 | 3.5 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 0.4 | 170 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 4.7 | 7 | 6.2 | 0.0 |
| 12/9/09 20:30 | 1.7 | 216 | 3.1 | 0.0 | 0.2 | 190 | 0.4 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.1 | 7 | 8.1 | 0.0 |
| 12/9/09 21:00 | 1.6 | 216 | 2.9 | 0.0 | 0.2 | 190 | 0.4 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.5 | 7 | 8.7 | 0.0 |
| 12/9/09 21:30 | 1.7 | 216 | 3.1 | 0.0 | 0.4 | 190 | 0.7 | 0.0 | 0.4 | 169 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 7.4 | 7 | 10.0 | 0.0 |
| 12/9/09 22:00 | 1.7 | 216 | 3.1 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 0.4 | 169 | 0.7 | 0.0 | 0.7 | 136 | 1.3 | 0.0 | 7.2 | 7 | 9.7 | 0.0 |
| 12/9/09 22:30 | 1.6 | 216 | 2.9 | 0.0 | 0.2 | 190 | 0.4 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 6.8 | 7 | 9.1 | 0.0 |
| 12/9/09 23:00 | 1.7 | 216 | 3.1 | 0.0 | 0.6 | 190 | 1.1 | 0.0 | 0.3 | 167 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 5.8 | 7 | 7.7 | 0.0 |
| 12/9/09 23:30 | 1.7 | 216 | 3.1 | 0.0 | 0.2 | 189 | 0.4 | 0.0 | 0.4 | 166 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/10/09 0:00 | 1.7 | 216 | 3.1 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 6.4 | 7 | 8.5 | 0.0 |
| 12/10/09 0:30 | 1.7 | 216 | 3.1 | 0.0 | 0.1 | 188 | 0.2 | 0.0 | 0.6 | 165 | 1.1 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 7.3 | 7 | 9.8 | 0.0 |
| 12/10/09 1:00 | 1.7 | 219 | 3.1 | 0.0 | 0.4 | 190 | 0.7 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.6 | 7 | 10.2 | 0.0 |
| 12/10/09 1:30 | 1.8 | 216 | 3.3 | 0.0 | 0.2 | 188 | 0.4 | 0.0 | 0.3 | 164 | 0.5 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 7.6 | 7 | 10.2 | 0.0 |
| 12/10/09 2:00 | 1.7 | 216 | 3.1 | 0.0 | 0.1 | 188 | 0.2 | 0.0 | 0.3 | 164 | 0.5 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 9.6 | 7 | 13.1 | 0.0 |
| 12/10/09 2:30 | 1.5 | 216 | 2.7 | 0.0 | 0.1 | 187 | 0.2 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 0.4 | 127 | 0.7 | 0.0 | 8.6 | 7 | 11.7 | 0.0 |
| 12/10/09 3:00 | 1.7 | 216 | 3.1 | 0.0 | 0.1 | 187 | 0.2 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 7.3 | 7 | 9.8 | 0.0 |
| 12/10/09 3:30 | 1.7 | 216 | 3.1 | 0.0 | 0.1 | 187 | 0.2 | 0.0 | 0.3 | 163 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 9.3 | 7 | 12.7 | 0.0 |
| 12/10/09 4:00 | 1.5 | 210 | 2.7 | 0.0 | 0.1 | 183 | 0.2 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.7 | 125 | 1.3 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/10/09 4:30 | 1.6 | 210 | 2.9 | 0.0 | 0.1 | 183 | 0.2 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 18.0 | 7 | 25.6 | 0.0 |
| 12/10/09 5:00 | 1.7 | 210 | 3.1 | 0.0 | 0.1 | 182 | 0.2 | 0.0 | 0.3 | 158 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 17.0 | 7 | 24.1 | 0.0 |
| 12/10/09 5:30 | 1.8 | 207 | 3.3 | 0.0 | 0.1 | 180 | 0.2 | 0.0 | 0.3 | 157 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 8.5 | 7 | 11.5 | 0.0 |
| 12/10/09 6:00 | 1.7 | 207 | 3.1 | 0.0 | 0.1 | 180 | 0.2 | 0.0 | 0.3 | 157 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/10/09 6:30 | 1.5 | 207 | 2.7 | 0.0 | 0.1 | 179 | 0.2 | 0.0 | 0.3 | 156 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/10/09 7:00 | 1.6 | 204 | 2.9 | 0.0 | 0.1 | 178 | 0.2 | 0.0 | 0.3 | 155 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 9.7 | 7 | 13.3 | 0.0 |
| 12/10/09 7:30 | 1.7 | 204 | 3.1 | 0.0 | 0.0 | 177 | 0.0 | 0.0 | 0.2 | 154 | 0.4 | 0.0 | 0.4 | 119 | 0.7 | 0.0 | 7.8 | 6 | 10.5 | 0.0 |
| 12/10/09 8:00 | 1.7 | 204 | 3.1 | 0.0 | 0.1 | 177 | 0.2 | 0.0 | 0.3 | 154 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 6.2 | 6 | 8.3 | 0.0 |
| 12/10/09 8:30 | 1.8 | 202 | 3.3 | 0.0 | 0.1 | 175 | 0.2 | 0.0 | 0.3 | 153 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 3.3 | 6 | 4.2 | 0.0 |
| 12/10/09 9:00 | 2.0 | 199 | 3.7 | 0.0 | 0.1 | 173 | 0.2 | 0.0 | 0.3 | 152 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 3.2 | 6 | 4.1 | 0.0 |
| 12/10/09 9:30 | 1.7 | 196 | 3.1 | 0.0 | 0.0 | 171 | 0.0 | 0.0 | 0.3 | 151 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 3.5 | 6 | 4.5 | 0.0 |
| 12/10/09 10:00 | 1.5 | 193 | 2.7 | 0.0 | 0.1 | 169 | 0.2 | 0.0 | 0.3 | 149 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 3.9 | 6 | 5.0 | 0.0 |
| 12/10/09 10:30 | 1.7 | 191 | 3.1 | 0.0 | 0.3 | 168 | 0.5 | 0.0 | 0.3 | 148 | 0.5 | 0.0 | 0.4 | 119 | 0.7 | 0.0 | 3.5 | 6 | 4.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/10/09 11:00 | 1.8 | 188 | 3.3 | 0.0 | 0.1 | 166 | 0.2 | 0.0 | 0.3 | 147 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 4.4 | 6 | 5.7 | 0.0 |
| 12/10/09 11:30 | 1.6 | 188 | 2.9 | 0.0 | 0.1 | 166 | 0.2 | 0.0 | 0.3 | 147 | 0.5 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 4.4 | 6 | 5.7 | 0.0 |
| 12/10/09 12:00 | 1.6 | 191 | 2.9 | 0.0 | 0.1 | 168 | 0.2 | 0.0 | 0.4 | 149 | 0.7 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 3.9 | 7 | 5.0 | 0.0 |
| 12/10/09 12:30 | 1.5 | 191 | 2.7 | 0.0 | 0.0 | 168 | 0.0 | 0.0 | 0.3 | 149 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 9.4 | 7 | 12.8 | 0.0 |
| 12/10/09 13:00 | 1.7 | 191 | 3.1 | 0.0 | 0.1 | 168 | 0.2 | 0.0 | 0.4 | 149 | 0.7 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 8.1 | 7 | 11.0 | 0.0 |
| 12/10/09 13:30 | 1.5 | 193 | 2.7 | 0.0 | 0.1 | 171 | 0.2 | 0.0 | 0.4 | 152 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 6.2 | 7 | 8.3 | 0.0 |
| 12/10/09 14:00 | 1.5 | 193 | 2.7 | 0.0 | 1.5 | 171 | 2.7 | 0.0 | 0.5 | 153 | 0.9 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 6.8 | 7 | 9.1 | 0.0 |
| 12/10/09 14:30 | 1.5 | 196 | 2.7 | 0.0 | 0.0 | 173 | 0.0 | 0.0 | 0.4 | 154 | 0.7 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/10/09 15:00 | 1.6 | 202 | 2.9 | 0.0 | 0.0 | 177 | 0.0 | 0.0 | 0.4 | 157 | 0.7 | 0.0 | 0.4 | 127 | 0.7 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/10/09 15:30 | 2.0 | 207 | 3.7 | 0.0 | 0.3 | 181 | 0.5 | 0.0 | 0.4 | 159 | 0.7 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/10/09 16:00 | 1.8 | 219 | 3.3 | 0.0 | 0.1 | 190 | 0.2 | 0.0 | 1.2 | 165 | 2.2 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/10/09 16:30 | 1.7 | 234 | 3.1 | 0.0 | 0.7 | 200 | 1.3 | 0.0 | 0.4 | 171 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/10/09 17:00 | 1.7 | 246 | 3.1 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.4 | 176 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 7.0 | 7 | 9.4 | 0.0 |
| 12/10/09 17:30 | 1.8 | 256 | 3.3 | 0.0 | 0.1 | 215 | 0.2 | 0.0 | 0.5 | 180 | 0.9 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 5.2 | 7 | 6.8 | 0.0 |
| 12/10/09 18:00 | 1.7 | 262 | 3.1 | 0.0 | 0.1 | 220 | 0.2 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.3 | 7 | 9.8 | 0.0 |
| 12/10/09 18:30 | 1.7 | 265 | 3.1 | 0.0 | 0.1 | 222 | 0.2 | 0.0 | 0.4 | 185 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.6 | 7 | 10.2 | 0.0 |
| 12/10/09 19:00 | 1.7 | 262 | 3.1 | 0.0 | 0.1 | 220 | 0.2 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 6.5 | 7 | 8.7 | 0.0 |
| 12/10/09 19:30 | 1.9 | 265 | 3.5 | 0.1 | 0.2 | 222 | 0.4 | 0.0 | 0.4 | 185 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 6.7 | 7 | 9.0 | 0.0 |
| 12/10/09 20:00 | 1.7 | 265 | 3.1 | 0.0 | 0.1 | 222 | 0.2 | 0.0 | 0.3 | 186 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.9 | 7 | 7.8 | 0.0 |
| 12/10/09 20:30 | 1.6 | 265 | 2.9 | 0.0 | 0.7 | 222 | 1.3 | 0.0 | 0.3 | 186 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/10/09 21:00 | 1.8 | 269 | 3.3 | 0.0 | 0.3 | 225 | 0.5 | 0.0 | 0.3 | 188 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/10/09 21:30 | 1.7 | 272 | 3.1 | 0.0 | 0.2 | 227 | 0.4 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.6 | 7 | 6.0 | 0.0 |
| 12/10/09 22:00 | 1.7 | 272 | 3.1 | 0.0 | 0.2 | 227 | 0.4 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/10/09 22:30 | 1.8 | 279 | 3.3 | 0.1 | 0.1 | 231 | 0.2 | 0.0 | 0.3 | 191 | 0.5 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 6.4 | 7 | 8.5 | 0.0 |
| 12/10/09 23:00 | 1.7 | 279 | 3.1 | 0.0 | 0.1 | 231 | 0.2 | 0.0 | 0.4 | 191 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.1 | 7 | 9.5 | 0.0 |
| 12/10/09 23:30 | 1.7 | 282 | 3.1 | 0.0 | 0.3 | 233 | 0.5 | 0.0 | 0.3 | 192 | 0.5 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 5.6 | 7 | 7.4 | 0.0 |
| 12/11/09 0:00 | 1.7 | 282 | 3.1 | 0.0 | 0.1 | 233 | 0.2 | 0.0 | 0.3 | 191 | 0.5 | 0.0 | 0.5 | 128 | 0.9 | 0.0 | 4.8 | 7 | 6.3 | 0.0 |
| 12/11/09 0:30 | 1.7 | 285 | 3.1 | 0.0 | 0.1 | 235 | 0.2 | 0.0 | 0.4 | 192 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 4.6 | 7 | 6.0 | 0.0 |
| 12/11/09 1:00 | 1.7 | 282 | 3.1 | 0.0 | 0.1 | 233 | 0.2 | 0.0 | 0.3 | 191 | 0.5 | 0.0 | 0.7 | 128 | 1.3 | 0.0 | 8.5 | 7 | 11.5 | 0.0 |
| 12/11/09 1:30 | 1.6 | 279 | 2.9 | 0.0 | 0.2 | 230 | 0.4 | 0.0 | 0.3 | 188 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 4.6 | 7 | 6.0 | 0.0 |
| 12/11/09 2:00 | 1.6 | 275 | 2.9 | 0.0 | 0.1 | 227 | 0.2 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/11/09 2:30 | 1.7 | 272 | 3.1 | 0.0 | 0.1 | 225 | 0.2 | 0.0 | 0.3 | 186 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/11/09 3:00 | 1.8 | 269 | 3.3 | 0.0 | 0.1 | 223 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 5.5 | 7 | 7.3 | 0.0 |
| 12/11/09 3:30 | 1.8 | 272 | 3.3 | 0.1 | 0.1 | 225 | 0.2 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 5.0 | 7 | 6.6 | 0.0 |
| 12/11/09 4:00 | 1.7 | 272 | 3.1 | 0.0 | 0.1 | 225 | 0.2 | 0.0 | 0.3 | 185 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 4.0 | 7 | 5.2 | 0.0 |
| 12/11/09 4:30 | 1.6 | 269 | 2.9 | 0.0 | 0.0 | 222 | 0.0 | 0.0 | 0.3 | 183 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 4.0 | 7 | 5.2 | 0.0 |
| 12/11/09 5:00 | 1.6 | 269 | 2.9 | 0.0 | 0.1 | 222 | 0.2 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/11/09 5:30 | 1.6 | 269 | 2.9 | 0.0 | 0.0 | 222 | 0.0 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/11/09 6:00 | 1.7 | 269 | 3.1 | 0.0 | 0.0 | 222 | 0.0 | 0.0 | 0.4 | 182 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 5.0 | 7 | 6.6 | 0.0 |
| 12/11/09 6:30 | 1.7 | 272 | 3.1 | 0.0 | 0.1 | 224 | 0.2 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/11/09 7:00 | 2.1 | 272 | 3.9 | 0.1 | 0.0 | 224 | 0.0 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/11/09 7:30 | 1.6 | 272 | 2.9 | 0.0 | 0.1 | 224 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.1 | 7 | 5.3 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/11/09 8:00 | 1.7 | 272 | 3.1 | 0.0 | 0.1 | 223 | 0.2 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 5.9 | 7 | 7.8 | 0.0 |
| 12/11/09 8:30 | 1.7 | 272 | 3.1 | 0.0 | 0.1 | 223 | 0.2 | 0.0 | 0.3 | 182 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 8.3 | 7 | 11.3 | 0.0 |
| 12/11/09 9:00 | 1.8 | 275 | 3.3 | 0.1 | 0.1 | 226 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/11/09 9:30 | 1.8 | 275 | 3.3 | 0.1 | 0.1 | 226 | 0.2 | 0.0 | 0.3 | 184 | 0.5 | 0.0 | 0.4 | 121 | 0.7 | 0.0 | 4.8 | 7 | 6.3 | 0.0 |
| 12/11/09 10:00 | 1.7 | 279 | 3.1 | 0.0 | 0.0 | 228 | 0.0 | 0.0 | 0.2 | 185 | 0.4 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/11/09 10:30 | 1.8 | 282 | 3.3 | 0.1 | 0.1 | 230 | 0.2 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 6.1 | 7 | 8.1 | 0.0 |
| 12/11/09 11:00 | 1.8 | 282 | 3.3 | 0.1 | 0.1 | 230 | 0.2 | 0.0 | 0.3 | 187 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/11/09 11:30 | 1.7 | 285 | 3.1 | 0.0 | 0.1 | 232 | 0.2 | 0.0 | 0.3 | 188 | 0.5 | 0.0 | 0.3 | 121 | 0.5 | 0.0 | 7.1 | 7 | 9.5 | 0.0 |
| 12/11/09 12:00 | 1.7 | 285 | 3.1 | 0.0 | 0.1 | 233 | 0.2 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 123 | 0.5 | 0.0 | 4.6 | 7 | 6.0 | 0.0 |
| 12/11/09 12:30 | 1.7 | 289 | 3.1 | 0.1 | 0.0 | 235 | 0.0 | 0.0 | 0.3 | 190 | 0.5 | 0.0 | 0.5 | 123 | 0.9 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/11/09 13:00 | 1.7 | 292 | 3.1 | 0.1 | 0.1 | 238 | 0.2 | 0.0 | 0.3 | 193 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 4.9 | 7 | 6.4 | 0.0 |
| 12/11/09 13:30 | 1.6 | 303 | 2.9 | 0.0 | 0.4 | 245 | 0.6 | 0.0 | 0.3 | 197 | 0.5 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 4.7 | 7 | 6.2 | 0.0 |
| 12/11/09 14:00 | 1.8 | 310 | 3.3 | 0.1 | 0.6 | 251 | 1.1 | 0.0 | 0.3 | 201 | 0.5 | 0.0 | 0.3 | 127 | 0.5 | 0.0 | 6.7 | 7 | 9.0 | 0.0 |
| 12/11/09 14:30 | 1.7 | 313 | 3.1 | 0.1 | 0.5 | 254 | 0.9 | 0.0 | 0.3 | 204 | 0.5 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 4.5 | 7 | 5.9 | 0.0 |
| 12/11/09 15:00 | 1.7 | 324 | 3.1 | 0.1 | 0.5 | 261 | 0.8 | 0.0 | 0.4 | 208 | 0.7 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 4.7 | 7 | 6.2 | 0.0 |
| 12/11/09 15:30 | 1.7 | 332 | 3.1 | 0.1 | 0.4 | 267 | 0.7 | 0.0 | 0.4 | 213 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.1 | 7 | 6.7 | 0.0 |
| 12/11/09 16:00 | 2.4 | 335 | 4.4 | 0.1 | 0.3 | 270 | 0.6 | 0.0 | 0.4 | 215 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.2 | 7 | 5.5 | 0.0 |
| 12/11/09 16:30 | 1.6 | 339 | 2.9 | 0.1 | 0.2 | 272 | 0.4 | 0.0 | 0.3 | 216 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 4.8 | 7 | 6.3 | 0.0 |
| 12/11/09 17:00 | 1.7 | 332 | 3.1 | 0.1 | 0.2 | 267 | 0.3 | 0.0 | 0.4 | 213 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.6 | 7 | 7.4 | 0.0 |
| 12/11/09 17:30 | 1.8 | 320 | 3.3 | 0.1 | 0.1 | 260 | 0.2 | 0.0 | 0.3 | 209 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 6.6 | 7 | 8.8 | 0.0 |
| 12/11/09 18:00 | 1.8 | 317 | 3.3 | 0.1 | 0.2 | 258 | 0.4 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 7.9 | 7 | 10.7 | 0.0 |
| 12/11/09 18:30 | 1.8 | 317 | 3.3 | 0.1 | 0.2 | 258 | 0.4 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 6.0 | 7 | 8.0 | 0.0 |
| 12/11/09 19:00 | 1.7 | 317 | 3.1 | 0.1 | 0.2 | 258 | 0.4 | 0.0 | 0.3 | 208 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 4.8 | 7 | 6.3 | 0.0 |
| 12/11/09 19:30 | 1.9 | 328 | 3.5 | 0.1 | 0.2 | 265 | 0.4 | 0.0 | 0.3 | 213 | 0.5 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 6.5 | 7 | 8.7 | 0.0 |
| 12/11/09 20:00 | 1.7 | 332 | 3.1 | 0.1 | 0.3 | 269 | 0.5 | 0.0 | 0.3 | 216 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 7.3 | 7 | 9.8 | 0.0 |
| 12/11/09 20:30 | 1.8 | 324 | 3.3 | 0.1 | 0.3 | 264 | 0.5 | 0.0 | 0.3 | 213 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.8 | 7 | 9.1 | 0.0 |
| 12/11/09 21:00 | 1.8 | 324 | 3.3 | 0.1 | 0.3 | 264 | 0.5 | 0.0 | 0.4 | 213 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 7.6 | 7 | 10.2 | 0.0 |
| 12/11/09 21:30 | 1.8 | 328 | 3.3 | 0.1 | 0.3 | 266 | 0.5 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.7 | 7 | 9.0 | 0.0 |
| 12/11/09 22:00 | 1.9 | 328 | 3.5 | 0.1 | 0.3 | 267 | 0.6 | 0.0 | 0.4 | 215 | 0.7 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 5.9 | 7 | 7.8 | 0.0 |
| 12/11/09 22:30 | 1.5 | 328 | 2.7 | 0.1 | 0.3 | 267 | 0.6 | 0.0 | 0.3 | 215 | 0.5 | 0.0 | 0.4 | 138 | 0.7 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/11/09 23:00 | 1.9 | 332 | 3.5 | 0.1 | 0.4 | 269 | 0.6 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 7.9 | 7 | 10.7 | 0.0 |
| 12/11/09 23:30 | 2.1 | 332 | 3.9 | 0.1 | 0.4 | 269 | 0.7 | 0.0 | 0.5 | 216 | 0.9 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 8.9 | 7 | 12.1 | 0.0 |
| 12/12/09 0:00 | 1.9 | 332 | 3.5 | 0.1 | 0.4 | 269 | 0.7 | 0.0 | 0.4 | 216 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.9 | 7 | 9.2 | 0.0 |
| 12/12/09 0:30 | 1.8 | 328 | 3.3 | 0.1 | 0.4 | 266 | 0.7 | 0.0 | 0.4 | 214 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 5.7 | 7 | 7.5 | 0.0 |
| 12/12/09 1:00 | 2.0 | 328 | 3.7 | 0.1 | 0.4 | 266 | 0.7 | 0.0 | 0.4 | 214 | 0.7 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 6.4 | 7 | 8.5 | 0.0 |
| 12/12/09 1:30 | 1.8 | 324 | 3.3 | 0.1 | 0.4 | 264 | 0.8 | 0.0 | 0.3 | 213 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 10.0 | 7 | 13.7 | 0.0 |
| 12/12/09 2:00 | 1.9 | 324 | 3.5 | 0.1 | 0.4 | 263 | 0.8 | 0.0 | 0.4 | 211 | 0.7 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 6.2 | 7 | 8.3 | 0.0 |
| 12/12/09 2:30 | 1.8 | 320 | 3.3 | 0.1 | 0.5 | 261 | 0.8 | 0.0 | 0.3 | 211 | 0.5 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/12/09 3:00 | 1.9 | 324 | 3.5 | 0.1 | 0.5 | 263 | 0.9 | 0.0 | 0.4 | 211 | 0.7 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 8.3 | 7 | 11.3 | 0.0 |
| 12/12/09 3:30 | 1.9 | 320 | 3.5 | 0.1 | 0.5 | 260 | 0.9 | 0.0 | 0.4 | 209 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 7.2 | 7 | 9.7 | 0.0 |
| 12/12/09 4:00 | 1.8 | 320 | 3.3 | 0.1 | 0.5 | 260 | 0.9 | 0.0 | 0.5 | 209 | 0.9 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 6.5 | 7 | 8.7 | 0.0 |
| 12/12/09 4:30 | 1.8 | 320 | 3.3 | 0.1 | 0.5 | 260 | 0.9 | 0.0 | 0.6 | 209 | 1.1 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 6.2 | 7 | 8.3 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/12/09 5:00 | 1.9 | 317 | 3.5 | 0.1 | 0.5 | 257 | 1.0 | 0.0 | 0.5 | 207 | 0.9 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/12/09 5:30 | 3.0 | 317 | 5.6 | 0.1 | 0.6 | 257 | 1.0 | 0.0 | 0.5 | 206 | 0.9 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/12/09 6:00 | 2.0 | 313 | 3.7 | 0.1 | 0.6 | 254 | 1.0 | 0.0 | 0.4 | 205 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 6.3 | 7 | 8.4 | 0.0 |
| 12/12/09 6:30 | 1.8 | 313 | 3.3 | 0.1 | 0.6 | 254 | 1.0 | 0.0 | 0.4 | 205 | 0.7 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 8.4 | 7 | 11.4 | 0.0 |
| 12/12/09 7:00 | 2.0 | 310 | 3.7 | 0.1 | 0.6 | 252 | 1.1 | 0.0 | 0.4 | 204 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 5.7 | 7 | 7.5 | 0.0 |
| 12/12/09 7:30 | 1.8 | 310 | 3.3 | 0.1 | 0.2 | 252 | 0.4 | 0.0 | 0.4 | 204 | 0.7 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 7.7 | 7 | 10.4 | 0.0 |
| 12/12/09 8:00 | 1.8 | 306 | 3.3 | 0.1 | 0.3 | 249 | 0.5 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.8 | 7 | 10.5 | 0.0 |
| 12/12/09 8:30 | 1.9 | 306 | 3.5 | 0.1 | 0.1 | 249 | 0.2 | 0.0 | 0.4 | 202 | 0.7 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 7.7 | 7 | 10.4 | 0.0 |
| 12/12/09 9:00 | 2.1 | 306 | 3.9 | 0.1 | 0.2 | 249 | 0.4 | 0.0 | 0.4 | 201 | 0.7 | 0.0 | 0.4 | 128 | 0.7 | 0.0 | 5.4 | 7 | 7.1 | 0.0 |
| 12/12/09 9:30 | 2.2 | 306 | 4.0 | 0.1 | 0.1 | 249 | 0.2 | 0.0 | 0.4 | 202 | 0.7 | 0.0 | 0.5 | 130 | 0.9 | 0.0 | 6.9 | 7 | 9.2 | 0.0 |
| 12/12/09 10:00 | 2.0 | 306 | 3.7 | 0.1 | 0.1 | 249 | 0.2 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 7.3 | 7 | 9.8 | 0.0 |
| 12/12/09 10:30 | 2.0 | 303 | 3.7 | 0.1 | 0.2 | 246 | 0.4 | 0.0 | 0.3 | 199 | 0.5 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 7.1 | 7 | 9.5 | 0.0 |
| 12/12/09 11:00 | 2.2 | 306 | 4.0 | 0.1 | 0.1 | 249 | 0.2 | 0.0 | 0.5 | 201 | 0.9 | 0.0 | 0.3 | 128 | 0.5 | 0.0 | 7.7 | 7 | 10.4 | 0.0 |
| 12/12/09 11:30 | 2.3 | 299 | 4.2 | 0.1 | 0.3 | 245 | 0.5 | 0.0 | 0.5 | 199 | 0.9 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 7.7 | 7 | 10.4 | 0.0 |
| 12/12/09 12:00 | 1.9 | 303 | 3.5 | 0.1 | 0.4 | 247 | 0.7 | 0.0 | 0.4 | 200 | 0.7 | 0.0 | 0.5 | 130 | 0.9 | 0.0 | 7.9 | 7 | 10.7 | 0.0 |
| 12/12/09 12:30 | 2.3 | 299 | 4.2 | 0.1 | 0.1 | 245 | 0.2 | 0.0 | 0.9 | 200 | 1.6 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 8.0 | 7 | 10.8 | 0.0 |
| 12/12/09 13:00 | 2.0 | 299 | 3.7 | 0.1 | 0.2 | 247 | 0.4 | 0.0 | 1.2 | 202 | 2.2 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 8.3 | 7 | 11.3 | 0.0 |
| 12/12/09 13:30 | 2.2 | 299 | 4.0 | 0.1 | 0.1 | 247 | 0.2 | 0.0 | 0.9 | 202 | 1.6 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 8.9 | 7 | 12.1 | 0.0 |
| 12/12/09 14:00 | 2.1 | 303 | 3.9 | 0.1 | 0.3 | 250 | 0.5 | 0.0 | 0.7 | 205 | 1.3 | 0.0 | 0.3 | 138 | 0.5 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/12/09 14:30 | 2.0 | 303 | 3.7 | 0.1 | 0.2 | 250 | 0.4 | 0.0 | 0.9 | 206 | 1.6 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 8.6 | 7 | 11.7 | 0.0 |
| 12/12/09 15:00 | 2.5 | 303 | 4.6 | 0.1 | 0.3 | 250 | 0.5 | 0.0 | 0.9 | 206 | 1.6 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 9.1 | 7 | 12.4 | 0.0 |
| 12/12/09 15:30 | 1.9 | 299 | 3.5 | 0.1 | 0.4 | 247 | 0.7 | 0.0 | 1.1 | 204 | 2.0 | 0.0 | 0.4 | 138 | 0.7 | 0.0 | 8.4 | 7 | 11.4 | 0.0 |
| 12/12/09 16:00 | 2.2 | 299 | 4.0 | 0.1 | 0.5 | 248 | 0.9 | 0.0 | 1.2 | 205 | 2.2 | 0.0 | 0.5 | 140 | 0.9 | 0.0 | 9.8 | 7 | 13.4 | 0.0 |
| 12/12/09 16:30 | 2.5 | 299 | 4.6 | 0.1 | 0.5 | 248 | 0.9 | 0.0 | 0.9 | 206 | 1.6 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 9.1 | 8 | 12.4 | 0.0 |
| 12/12/09 17:00 | 2.2 | 303 | 4.0 | 0.1 | 0.3 | 251 | 0.5 | 0.0 | 1.0 | 207 | 1.8 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 11.0 | 8 | 15.2 | 0.0 |
| 12/12/09 17:30 | 2.2 | 299 | 4.0 | 0.1 | 0.3 | 248 | 0.5 | 0.0 | 0.8 | 206 | 1.4 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 13.0 | 8 | 18.1 | 0.0 |
| 12/12/09 18:00 | 2.2 | 299 | 4.0 | 0.1 | 0.5 | 248 | 0.9 | 0.0 | 0.7 | 205 | 1.3 | 0.0 | 0.6 | 140 | 1.1 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/12/09 18:30 | 2.4 | 303 | 4.4 | 0.1 | 0.4 | 250 | 0.7 | 0.0 | 0.6 | 206 | 1.1 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 20.0 | 7 | 28.6 | 0.0 |
| 12/12/09 19:00 | 2.2 | 299 | 4.0 | 0.1 | 1.0 | 248 | 1.8 | 0.0 | 0.6 | 205 | 1.1 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/12/09 19:30 | 2.3 | 299 | 4.2 | 0.1 | 1.2 | 248 | 2.2 | 0.0 | 0.4 | 205 | 0.7 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/12/09 20:00 | 2.7 | 299 | 5.0 | 0.1 | 0.9 | 248 | 1.6 | 0.0 | 0.6 | 205 | 1.1 | 0.0 | 0.5 | 140 | 0.9 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/12/09 20:30 | 2.3 | 299 | 4.2 | 0.1 | 0.7 | 248 | 1.3 | 0.0 | 0.4 | 206 | 0.7 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 19.0 | 8 | 27.1 | 0.0 |
| 12/12/09 21:00 | 2.7 | 296 | 5.0 | 0.1 | 0.6 | 245 | 1.1 | 0.0 | 0.5 | 203 | 0.9 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/12/09 21:30 | 2.3 | 289 | 4.2 | 0.1 | 0.6 | 241 | 1.1 | 0.0 | 0.4 | 200 | 0.7 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/12/09 22:00 | 2.1 | 285 | 3.9 | 0.1 | 0.3 | 239 | 0.5 | 0.0 | 0.4 | 199 | 0.7 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/12/09 22:30 | 2.2 | 279 | 4.0 | 0.1 | 0.4 | 233 | 0.7 | 0.0 | 0.6 | 195 | 1.1 | 0.0 | 0.4 | 138 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/12/09 23:00 | 2.1 | 272 | 3.9 | 0.1 | 0.5 | 229 | 0.9 | 0.0 | 0.4 | 192 | 0.7 | 0.0 | 0.4 | 138 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/12/09 23:30 | 2.2 | 265 | 4.0 | 0.1 | 0.3 | 224 | 0.5 | 0.0 | 0.5 | 189 | 0.9 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 0:00 | 2.3 | 259 | 4.2 | 0.1 | 0.3 | 219 | 0.5 | 0.0 | 0.4 | 185 | 0.7 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 0:30 | 2.4 | 249 | 4.4 | 0.1 | 0.3 | 212 | 0.5 | 0.0 | 0.5 | 181 | 0.9 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 1:00 | 2.3 | 243 | 4.2 | 0.1 | 0.3 | 208 | 0.5 | 0.0 | 0.6 | 178 | 1.1 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 15.0 | 7 | 21.1 | 0.0 |
| 12/13/09 1:30 | 2.7 | 240 | 5.0 | 0.1 | 0.3 | 206 | 0.5 | 0.0 | 0.6 | 177 | 1.1 | 0.0 | 0.3 | 134 | 0.5 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/13/09 2:00 | 2.3 | 237 | 4.2 | 0.1 | 0.2 | 204 | 0.4 | 0.0 | 0.8 | 176 | 1.4 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 2:30 | 2.1 | 234 | 3.9 | 0.1 | 0.4 | 202 | 0.7 | 0.0 | 0.7 | 175 | 1.3 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 3:00 | 2.3 | 234 | 4.2 | 0.1 | 0.3 | 202 | 0.5 | 0.0 | 0.6 | 176 | 1.1 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 3:30 | 2.3 | 231 | 4.2 | 0.1 | 0.4 | 200 | 0.7 | 0.0 | 0.6 | 175 | 1.1 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/13/09 4:00 | 2.5 | 228 | 4.6 | 0.1 | 0.5 | 198 | 0.9 | 0.0 | 0.4 | 173 | 0.7 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 18.0 | 7 | 25.6 | 0.0 |
| 12/13/09 4:30 | 2.4 | 225 | 4.4 | 0.1 | 0.7 | 196 | 1.3 | 0.0 | 0.7 | 172 | 1.3 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 5:00 | 2.4 | 225 | 4.4 | 0.1 | 0.3 | 196 | 0.5 | 0.0 | 0.6 | 172 | 1.1 | 0.0 | 0.3 | 136 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 5:30 | 2.4 | 222 | 4.4 | 0.1 | 0.3 | 194 | 0.5 | 0.0 | 0.5 | 171 | 0.9 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 6:00 | 2.6 | 222 | 4.8 | 0.1 | 0.6 | 194 | 1.1 | 0.0 | 0.6 | 171 | 1.1 | 0.0 | 0.4 | 136 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 6:30 | 2.6 | 222 | 4.8 | 0.1 | 0.3 | 194 | 0.5 | 0.0 | 0.6 | 170 | 1.1 | 0.0 | 0.5 | 134 | 0.9 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 7:00 | 2.5 | 219 | 4.6 | 0.1 | 0.4 | 192 | 0.7 | 0.0 | 0.4 | 169 | 0.7 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 7:30 | 2.4 | 219 | 4.4 | 0.1 | 0.4 | 192 | 0.7 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 15.0 | 7 | 21.1 | 0.0 |
| 12/13/09 8:00 | 2.3 | 216 | 4.2 | 0.1 | 0.3 | 189 | 0.5 | 0.0 | 0.4 | 166 | 0.7 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 8:30 | 2.1 | 219 | 3.9 | 0.0 | 0.7 | 191 | 1.3 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 9:00 | 2.2 | 216 | 4.0 | 0.0 | 0.7 | 189 | 1.3 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 9:30 | 2.3 | 219 | 4.2 | 0.1 | 0.4 | 191 | 0.7 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 10:00 | 2.1 | 219 | 3.9 | 0.0 | 0.4 | 191 | 0.7 | 0.0 | 0.4 | 167 | 0.7 | 0.0 | 0.4 | 132 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 10:30 | 2.1 | 216 | 3.9 | 0.0 | 0.3 | 189 | 0.5 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.3 | 132 | 0.5 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 11:00 | 2.3 | 216 | 4.2 | 0.1 | 0.3 | 188 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 11:30 | 2.1 | 216 | 3.9 | 0.0 | 0.3 | 188 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 0.8 | 130 | 1.4 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 12:00 | 2.5 | 216 | 4.6 | 0.1 | 0.3 | 188 | 0.5 | 0.0 | 0.6 | 165 | 1.1 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 15.0 | 7 | 21.1 | 0.0 |
| 12/13/09 12:30 | 2.0 | 216 | 3.7 | 0.0 | 0.3 | 188 | 0.5 | 0.0 | 0.4 | 165 | 0.7 | 0.0 | 0.4 | 130 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 13:00 | 2.0 | 210 | 3.7 | 0.0 | 0.2 | 184 | 0.4 | 0.0 | 0.4 | 163 | 0.7 | 0.0 | 0.3 | 130 | 0.5 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 13:30 | 2.1 | 210 | 3.9 | 0.0 | 0.4 | 184 | 0.7 | 0.0 | 0.3 | 162 | 0.5 | 0.0 | 0.4 | 128 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 14:00 | 2.1 | 210 | 3.9 | 0.0 | 0.8 | 183 | 1.4 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.4 | 127 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 14:30 | 1.9 | 210 | 3.5 | 0.0 | 0.2 | 183 | 0.4 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.4 | 127 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 15:00 | 2.2 | 207 | 4.0 | 0.0 | 0.2 | 181 | 0.4 | 0.0 | 0.5 | 158 | 0.9 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 15:30 | 2.3 | 207 | 4.2 | 0.0 | 0.2 | 181 | 0.4 | 0.0 | 0.5 | 158 | 0.9 | 0.0 | 0.3 | 125 | 0.5 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 16:00 | 2.1 | 207 | 3.9 | 0.0 | 0.7 | 181 | 1.3 | 0.0 | 0.4 | 158 | 0.7 | 0.0 | 0.5 | 125 | 0.9 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/13/09 16:30 | 2.1 | 207 | 3.9 | 0.0 | 0.2 | 181 | 0.4 | 0.0 | 0.5 | 158 | 0.9 | 0.0 | 0.4 | 125 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 17:00 | 2.1 | 207 | 3.9 | 0.0 | 0.3 | 181 | 0.5 | 0.0 | 0.4 | 158 | 0.7 | 0.0 | 0.5 | 125 | 0.9 | 0.0 | 14.0 | 7 | 19.6 | 0.0 |
| 12/13/09 17:30 | 2.2 | 204 | 4.0 | 0.0 | 0.3 | 179 | 0.5 | 0.0 | 0.4 | 157 | 0.7 | 0.0 | 0.4 | 125 | 0.7 | 0.0 | 13.0 | 7 | 18.1 | 0.0 |
| 12/13/09 18:00 | 2.2 | 204 | 4.0 | 0.0 | 0.4 | 178 | 0.7 | 0.0 | 0.5 | 156 | 0.9 | 0.0 | 0.4 | 123 | 0.7 | 0.0 | 12.0 | 7 | 16.6 | 0.0 |
| 12/13/09 18:30 | 2.1 | 204 | 3.9 | 0.0 | 1.8 | 178 | 3.3 | 0.0 | 0.4 | 155 | 0.7 | 0.0 | 0.4 | 121 | 0.7 | 0.0 | 9.5 | 7 | 13.0 | 0.0 |
| 12/13/09 19:00 | 2.0 | 202 | 3.7 | 0.0 | 1.2 | 176 | 2.2 | 0.0 | 0.4 | 154 | 0.7 | 0.0 | 0.4 | 121 | 0.7 | 0.0 | 11.0 | 7 | 15.2 | 0.0 |
| 12/13/09 19:30 | 1.9 | 202 | 3.5 | 0.0 | 0.4 | 175 | 0.7 | 0.0 | 0.4 | 153 | 0.7 | 0.0 | 0.4 | 119 | 0.7 | 0.0 | 9.4 | 6 | 12.8 | 0.0 |
| 12/13/09 20:00 | 2.1 | 202 | 3.9 | 0.0 | 0.5 | 175 | 0.9 | 0.0 | 0.4 | 153 | 0.7 | 0.0 | 0.4 | 119 | 0.7 | 0.0 | 12.0 | 6 | 16.6 | 0.0 |
| 12/13/09 20:30 | 2.1 | 199 | 3.9 | 0.0 | 0.3 | 173 | 0.5 | 0.0 | 0.6 | 152 | 1.1 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 9.8 | 6 | 13.4 | 0.0 |
| 12/13/09 21:00 | 2.1 | 202 | 3.9 | 0.0 | 0.4 | 174 | 0.7 | 0.0 | 0.4 | 152 | 0.7 | 0.0 | 0.3 | 118 | 0.5 | 0.0 | 10.0 | 6 | 13.7 | 0.0 |
| 12/13/09 21:30 | 2.1 | 199 | 3.9 | 0.0 | 0.3 | 173 | 0.5 | 0.0 | 0.3 | 151 | 0.5 | 0.0 | 0.4 | 118 | 0.7 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/13/09 22:00 | 2.3 | 199 | 4.2 | 0.0 | 0.3 | 173 | 0.5 | 0.0 | 0.4 | 151 | 0.7 | 0.0 | 0.6 | 118 | 1.1 | 0.0 | 13.0 | 6 | 18.1 | 0.0 |
| 12/13/09 22:30 | 2.0 | 199 | 3.7 | 0.0 | 0.3 | 173 | 0.5 | 0.0 | 0.3 | 151 | 0.5 | 0.0 | 0.3 | 118 | 0.5 | 0.0 | 15.0 | 6 | 21.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/13/09 23:00 | 1.9 | 196 | 3.5 | 0.0 | 0.3 | 170 | 0.5 | 0.0 | 0.4 | 148 | 0.7 | 0.0 | 0.3 | 116 | 0.5 | 0.0 | 13.0 | 6 | 18.1 | 0.0 |
| 12/13/09 23:30 | 3.1 | 196 | 5.7 | 0.1 | 0.3 | 171 | 0.5 | 0.0 | 0.6 | 149 | 1.1 | 0.0 | 0.3 | 118 | 0.5 | 0.0 | 15.0 | 6 | 21.1 | 0.0 |
| 12/14/09 0:00 | 2.1 | 196 | 3.9 | 0.0 | 0.3 | 170 | 0.5 | 0.0 | 0.5 | 148 | 0.9 | 0.0 | 0.4 | 116 | 0.7 | 0.0 | 24.0 | 6 | 34.8 | 0.0 |
| 12/14/09 0:30 | 4.1 | 196 | 7.6 | 0.1 | 0.4 | 170 | 0.7 | 0.0 | 0.3 | 148 | 0.5 | 0.0 | 0.4 | 116 | 0.7 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 1:00 | 1.9 | 193 | 3.5 | 0.0 | 0.4 | 168 | 0.7 | 0.0 | 0.4 | 147 | 0.7 | 0.0 | 0.4 | 116 | 0.7 | 0.0 | 12.0 | 6 | 16.6 | 0.0 |
| 12/14/09 1:30 | 2.0 | 193 | 3.7 | 0.0 | 0.3 | 168 | 0.5 | 0.0 | 0.4 | 147 | 0.7 | 0.0 | 0.4 | 116 | 0.7 | 0.0 | 11.0 | 6 | 15.2 | 0.0 |
| 12/14/09 2:00 | 2.1 | 193 | 3.9 | 0.0 | 0.2 | 168 | 0.4 | 0.0 | 0.6 | 147 | 1.1 | 0.0 | 0.5 | 116 | 0.9 | 0.0 | 25.0 | 6 | 36.3 | 0.0 |
| 12/14/09 2:30 | 2.0 | 193 | 3.7 | 0.0 | 0.2 | 168 | 0.4 | 0.0 | 0.4 | 147 | 0.7 | 0.0 | 0.3 | 116 | 0.5 | 0.0 | 12.0 | 6 | 16.6 | 0.0 |
| 12/14/09 3:00 | 1.9 | 191 | 3.5 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.3 | 146 | 0.5 | 0.0 | 0.4 | 116 | 0.7 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 3:30 | 2.0 | 191 | 3.7 | 0.0 | 0.1 | 166 | 0.2 | 0.0 | 0.4 | 146 | 0.7 | 0.0 | 0.3 | 116 | 0.5 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 4:00 | 2.0 | 191 | 3.7 | 0.0 | 0.2 | 166 | 0.4 | 0.0 | 0.3 | 146 | 0.5 | 0.0 | 0.3 | 116 | 0.5 | 0.0 | 13.0 | 6 | 18.1 | 0.0 |
| 12/14/09 4:30 | 2.0 | 191 | 3.7 | 0.0 | 0.3 | 166 | 0.5 | 0.0 | 0.4 | 145 | 0.7 | 0.0 | 0.4 | 114 | 0.7 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 5:00 | 2.1 | 191 | 3.9 | 0.0 | 0.4 | 166 | 0.7 | 0.0 | 0.3 | 145 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 15.0 | 6 | 21.1 | 0.0 |
| 12/14/09 5:30 | 2.1 | 191 | 3.9 | 0.0 | 0.5 | 166 | 0.9 | 0.0 | 0.3 | 145 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 6:00 | 2.2 | 188 | 4.0 | 0.0 | 0.6 | 164 | 1.1 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 0.4 | 114 | 0.7 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 6:30 | 2.1 | 191 | 3.9 | 0.0 | 0.7 | 166 | 1.3 | 0.0 | 0.4 | 145 | 0.7 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 7:00 | 2.0 | 188 | 3.7 | 0.0 | 0.4 | 164 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 19.0 | 6 | 27.1 | 0.0 |
| 12/14/09 7:30 | 2.0 | 188 | 3.7 | 0.0 | 0.4 | 164 | 0.7 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 0.5 | 114 | 0.9 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 8:00 | 2.0 | 188 | 3.7 | 0.0 | 0.4 | 164 | 0.6 | 0.0 | 0.3 | 144 | 0.5 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 8:30 | 2.0 | 188 | 3.7 | 0.0 | 0.3 | 164 | 0.6 | 0.0 | 0.3 | 143 | 0.5 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 19.0 | 6 | 27.1 | 0.0 |
| 12/14/09 9:00 | 2.0 | 185 | 3.7 | 0.0 | 0.3 | 162 | 0.5 | 0.0 | 0.5 | 142 | 0.9 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 13.0 | 6 | 18.1 | 0.0 |
| 12/14/09 9:30 | 1.9 | 185 | 3.5 | 0.0 | 0.3 | 162 | 0.5 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 24.0 | 6 | 34.8 | 0.0 |
| 12/14/09 10:00 | 2.1 | 185 | 3.9 | 0.0 | 0.3 | 162 | 0.5 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 10:30 | 2.0 | 185 | 3.7 | 0.0 | 0.3 | 162 | 0.6 | 0.0 | 0.4 | 142 | 0.7 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 23.0 | 6 | 33.2 | 0.0 |
| 12/14/09 11:00 | 2.0 | 188 | 3.7 | 0.0 | 0.4 | 164 | 0.6 | 0.0 | 0.3 | 143 | 0.5 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 19.0 | 6 | 27.1 | 0.0 |
| 12/14/09 11:30 | 2.2 | 185 | 4.0 | 0.0 | 0.4 | 162 | 0.7 | 0.0 | 0.3 | 142 | 0.5 | 0.0 | 0.5 | 112 | 0.9 | 0.0 | 19.0 | 6 | 27.1 | 0.0 |
| 12/14/09 12:00 | 2.0 | 185 | 3.7 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.3 | 141 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 26.0 | 6 | 37.8 | 0.0 |
| 12/14/09 12:30 | 2.1 | 185 | 3.9 | 0.0 | 0.3 | 161 | 0.5 | 0.0 | 0.3 | 141 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 19.0 | 6 | 27.1 | 0.0 |
| 12/14/09 13:00 | 1.9 | 185 | 3.5 | 0.0 | 0.3 | 161 | 0.5 | 0.0 | 0.3 | 141 | 0.5 | 0.0 | 0.4 | 111 | 0.7 | 0.0 | 26.0 | 6 | 37.8 | 0.0 |
| 12/14/09 13:30 | 1.9 | 185 | 3.5 | 0.0 | 0.2 | 161 | 0.4 | 0.0 | 0.3 | 141 | 0.5 | 0.0 | 0.4 | 111 | 0.7 | 0.0 | 17.0 | 6 | 24.1 | 0.0 |
| 12/14/09 14:00 | 2.0 | 183 | 3.7 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.6 | 140 | 1.1 | 0.0 | 0.4 | 111 | 0.7 | 0.0 | 18.0 | 6 | 25.6 | 0.0 |
| 12/14/09 14:30 | 2.1 | 183 | 3.9 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 15:00 | 2.2 | 183 | 4.0 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 14.0 | 6 | 19.6 | 0.0 |
| 12/14/09 15:30 | 2.0 | 183 | 3.7 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 17.0 | 6 | 24.1 | 0.0 |
| 12/14/09 16:00 | 2.0 | 183 | 3.7 | 0.0 | 0.3 | 159 | 0.5 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 0.4 | 111 | 0.7 | 0.0 | 27.0 | 6 | 39.4 | 0.0 |
| 12/14/09 16:30 | 2.0 | 183 | 3.7 | 0.0 | 0.5 | 159 | 0.9 | 0.0 | 0.3 | 140 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 20.0 | 6 | 28.6 | 0.0 |
| 12/14/09 17:00 | 1.9 | 185 | 3.5 | 0.0 | 0.4 | 161 | 0.7 | 0.0 | 0.3 | 141 | 0.5 | 0.0 | 0.3 | 111 | 0.5 | 0.0 | 18.0 | 6 | 25.6 | 0.0 |
| 12/14/09 17:30 | 2.1 | 183 | 3.9 | 0.0 | 0.4 | 159 | 0.7 | 0.0 | 0.6 | 140 | 1.1 | 0.0 | 0.4 | 111 | 0.7 | 0.0 | 25.0 | 6 | 36.3 | 0.0 |
| 12/14/09 18:00 | 2.1 | 183 | 3.9 | 0.0 | 0.4 | 160 | 0.6 | 0.0 | 0.4 | 141 | 0.7 | 0.0 | 0.4 | 112 | 0.7 | 0.0 | 20.0 | 6 | 28.6 | 0.0 |
| 12/14/09 18:30 | 2.2 | 185 | 4.0 | 0.0 | 0.3 | 162 | 0.5 | 0.0 | 0.5 | 142 | 0.9 | 0.0 | 0.3 | 112 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |
| 12/14/09 19:00 | 2.2 | 185 | 4.0 | 0.0 | 0.4 | 162 | 0.7 | 0.0 | 0.4 | 143 | 0.7 | 0.0 | 0.3 | 114 | 0.5 | 0.0 | 15.0 | 6 | 21.1 | 0.0 |
| 12/14/09 19:30 | 2.2 | 185 | 4.0 | 0.0 | 0.4 | 163 | 0.7 | 0.0 | 0.7 | 144 | 1.3 | 0.0 | 0.3 | 116 | 0.5 | 0.0 | 16.0 | 6 | 22.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/14/09 20:00 | 2.0 | 185 | 3.7 | 0.0 | 0.3 | 164 | 0.5 | 0.0 | 0.6 | 146 | 1.1 | 0.0 | 0.3 | 119 | 0.5 | 0.0 | 18.0 | 6 | 25.6 | 0.0 |
| 12/14/09 20:30 | 2.2 | 185 | 4.0 | 0.0 | 0.3 | 165 | 0.5 | 0.0 | 0.6 | 148 | 1.1 | 0.0 | 0.4 | 123 | 0.7 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/14/09 21:00 | 2.3 | 188 | 4.2 | 0.0 | 0.3 | 169 | 0.5 | 0.0 | 1.0 | 153 | 1.8 | 0.0 | 0.4 | 128 | 0.7 | 0.0 | 16.0 | 7 | 22.6 | 0.0 |
| 12/14/09 21:30 | 1.9 | 185 | 3.5 | 0.0 | 0.6 | 169 | 1.1 | 0.0 | 1.1 | 155 | 2.0 | 0.0 | 0.4 | 134 | 0.7 | 0.0 | 19.0 | 7 | 27.1 | 0.0 |
| 12/14/09 22:00 | 2.1 | 188 | 3.9 | 0.0 | 0.4 | 172 | 0.7 | 0.0 | 1.9 | 159 | 3.5 | 0.0 | 0.4 | 140 | 0.7 | 0.0 | 20.0 | 7 | 28.6 | 0.0 |
| 12/14/09 22:30 | 2.3 | 188 | 4.2 | 0.0 | 0.6 | 176 | 1.1 | 0.0 | 2.6 | 165 | 4.8 | 0.0 | 0.4 | 150 | 0.7 | 0.0 | 23.0 | 8 | 33.2 | 0.0 |
| 12/14/09 23:00 | 2.2 | 193 | 4.0 | 0.0 | 0.6 | 183 | 1.1 | 0.0 | 2.8 | 174 | 5.2 | 0.1 | 0.4 | 160 | 0.7 | 0.0 | 49.0 | 9 | 74.2 | 0.0 |
| 12/14/09 23:30 | 2.5 | 196 | 4.6 | 0.1 | 0.6 | 190 | 1.1 | 0.0 | 2.8 | 185 | 5.2 | 0.1 | 0.5 | 178 | 0.9 | 0.0 | 100.0 | 9 | 158.2 | 0.1 |
| 12/15/09 0:00 | 2.1 | 199 | 3.9 | 0.0 | 0.7 | 201 | 1.3 | 0.0 | 3.9 | 202 | 7.3 | 0.1 | 0.6 | 204 | 1.1 | 0.0 | 170.0 | 11 | 278.0 | 0.2 |
| 12/15/09 0:30 | 5.7 | 204 | 10.7 | 0.1 | 1.6 | 215 | 2.9 | 0.0 | 5.0 | 224 | 9.3 | 0.1 | 0.8 | 238 | 1.4 | 0.0 | 260.0 | 12 | 436.5 | 0.3 |
| 12/15/09 1:00 | 2.1 | 216 | 3.9 | 0.0 | 1.0 | 238 | 1.8 | 0.0 | 4.7 | 256 | 8.8 | 0.1 | 0.8 | 283 | 1.4 | 0.0 | 300.0 | 15 | 508.2 | 0.4 |
| 12/15/09 1:30 | 2.1 | 225 | 3.9 | 0.0 | 1.7 | 259 | 3.1 | 0.0 | 4.7 | 288 | 8.8 | 0.1 | 0.8 | 331 | 1.4 | 0.0 | 500.0 | 17 | 874.3 | 0.8 |
| 12/15/09 2:00 | 2.4 | 237 | 4.4 | 0.1 | 1.9 | 285 | 3.5 | 0.1 | 5.4 | 325 | 10.1 | 0.2 | 1.5 | 386 | 2.7 | 0.1 | 290.0 | 19 | 490.2 | 0.5 |
| 12/15/09 2:30 | 2.3 | 259 | 4.2 | 0.1 | 2.1 | 319 | 3.9 | 0.1 | 5.5 | 370 | 10.3 | 0.2 | 1.3 | 447 | 2.4 | 0.1 | 270.0 | 22 | 454.4 | 0.6 |
| 12/15/09 3:00 | 2.7 | 279 | 5.0 | 0.1 | 3.4 | 352 | 6.3 | 0.1 | 6.3 | 415 | 11.8 | 0.3 | 1.0 | 508 | 1.8 | 0.1 | 280.0 | 25 | 472.3 | 0.7 |
| 12/15/09 3:30 | 2.5 | 306 | 4.6 | 0.1 | 5.1 | 394 | 9.5 | 0.2 | 9.2 | 468 | 17.4 | 0.5 | 1.1 | 579 | 2.0 | 0.1 | 190.0 | 29 | 312.9 | 0.5 |
| 12/15/09 4:00 | 2.9 | 335 | 5.4 | 0.1 | 6.3 | 435 | 11.8 | 0.3 | 17.3 | 520 | 33.2 | 1.0 | 1.0 | 646 | 1.8 | 0.1 | 200.0 | 32 | 330.4 | 0.6 |
| 12/15/09 4:30 | 2.9 | 374 | 5.4 | 0.1 | 6.9 | 486 | 13.0 | 0.4 | 28.6 | 581 | 55.4 | 1.8 | 1.4 | 722 | 2.6 | 0.1 | 210.0 | 35 | 347.9 | 0.7 |
| 12/15/09 5:00 | 3.4 | 433 | 6.3 | 0.2 | 7.9 | 555 | 14.9 | 0.5 | 23.6 | 657 | 45.5 | 1.7 | 1.6 | 810 | 2.9 | 0.1 | 150.0 | 39 | 243.4 | 0.5 |
| 12/15/09 5:30 | 3.6 | 531 | 6.7 | 0.2 | 8.1 | 649 | 15.3 | 0.6 | 24.2 | 748 | 46.7 | 2.0 | 1.4 | 897 | 2.6 | 0.1 | 190.0 | 43 | 312.9 | 0.8 |
| 12/15/09 6:00 | 4.4 | 641 | 8.2 | 0.3 | 14.2 | 755 | 27.1 | 1.2 | 18.5 | 852 | 35.5 | 1.7 | 1.4 | 996 | 2.6 | 0.1 | 170.0 | 48 | 278.0 | 0.7 |
| 12/15/09 6:30 | 6.8 | 770 | 12.8 | 0.6 | 21.1 | 870 | 40.6 | 2.0 | 15.9 | 955 | 30.4 | 1.6 | 1.5 | 1081 | 2.7 | 0.2 | 160.0 | 51 | 260.7 | 0.8 |
| 12/15/09 7:00 | 8.4 | 921 | 15.9 | 0.8 | 23.3 | 1006 | 44.9 | 2.5 | 14.2 | 1078 | 27.1 | 1.6 | 2.0 | 1185 | 3.7 | 0.2 | 150.0 | 56 | 243.4 | 0.8 |
| 12/15/09 7:30 | 10.0 | 1086 | 19.0 | 1.2 | 23.4 | 1158 | 45.1 | 2.9 | 14.8 | 1218 | 28.3 | 1.9 | 1.9 | 1309 | 3.5 | 0.3 | 170.0 | 62 | 278.0 | 1.0 |
| 12/15/09 8:00 | 14.0 | 1269 | 26.7 | 1.9 | 22.9 | 1324 | 44.1 | 3.3 | 17.4 | 1371 | 33.3 | 2.6 | 2.4 | 1441 | 4.4 | 0.4 | 170.0 | 67 | 278.0 | 1.1 |
| 12/15/09 8:30 | 16.0 | 1447 | 30.6 | 2.5 | 22.1 | 1476 | 42.6 | 3.5 | 18.4 | 1501 | 35.3 | 3.0 | 2.8 | 1539 | 5.2 | 0.4 | 220.0 | 72 | 365.6 | 1.5 |
| 12/15/09 9:00 | 22.0 | 1642 | 42.4 | 3.9 | 22.2 | 1647 | 42.8 | 4.0 | 15.6 | 1651 | 29.8 | 2.8 | 2.0 | 1657 | 3.7 | 0.3 | 250.0 | 77 | 418.7 | 1.8 |
| 12/15/09 9:30 | 28.0 | 1863 | 54.2 | 5.7 | 23.6 | 1828 | 45.5 | 4.7 | 20.1 | 1799 | 38.6 | 3.9 | 3.0 | 1754 | 5.6 | 0.5 | 230.0 | 81 | 383.2 | 1.7 |
| 12/15/09 10:00 | 28.0 | 2006 | 54.2 | 6.1 | 23.3 | 1966 | 44.9 | 5.0 | 20.5 | 1933 | 39.4 | 4.3 | 7.1 | 1883 | 13.4 | 1.4 | 590.0 | 87 | 1042.3 | 5.1 |
| 12/15/09 10:30 | 29.0 | 2259 | 56.1 | 7.1 | 24.5 | 2178 | 47.2 | 5.8 | 19.6 | 2109 | 37.7 | 4.5 | 4.6 | 2007 | 8.6 | 1.0 | 460.0 | 92 | 800.2 | 4.1 |
| 12/15/09 11:00 | 27.0 | 2337 | 52.2 | 6.9 | 25.6 | 2262 | 49.4 | 6.3 | 19.3 | 2200 | 37.1 | 4.6 | 5.1 | 2106 | 9.5 | 1.1 | 380.0 | 96 | 653.2 | 3.5 |
| 12/15/09 11:30 | 28.0 | 2403 | 54.2 | 7.3 | 26.8 | 2340 | 51.7 | 6.8 | 25.8 | 2287 | 49.8 | 6.4 | 3.5 | 2207 | 6.5 | 0.8 | 295.0 | 101 | 499.2 | 2.8 |
| 12/15/09 12:00 | 30.0 | 2706 | 58.1 | 8.8 | 27.9 | 2572 | 54.0 | 7.8 | 28.6 | 2460 | 55.4 | 7.7 | 3.3 | 2291 | 6.1 | 0.8 | 320.0 | 104 | 544.2 | 3.2 |
| 12/15/09 12:30 | 31.0 | 2663 | 60.1 | 9.0 | 29.1 | 2567 | 56.2 | 8.1 | 25.9 | 2486 | 50.0 | 7.0 | 3.4 | 2365 | 6.3 | 0.8 | 260.0 | 107 | 436.5 | 2.6 |
| 12/15/09 13:00 | 31.0 | 2908 | 60.1 | 9.8 | 30.2 | 2758 | 58.5 | 9.1 | 24.2 | 2631 | 46.7 | 6.9 | 4.5 | 2441 | 8.4 | 1.2 | 190.0 | 111 | 312.9 | 1.9 |
| 12/15/09 13:30 | 33.0 | 2865 | 64.1 | 10.3 | 31.4 | 2729 | 60.8 | 9.3 | 23.1 | 2614 | 44.5 | 6.5 | 3.7 | 2441 | 6.9 | 0.9 | 450.0 | 111 | 781.7 | 4.9 |
| 12/15/09 14:00 | 35.0 | 2937 | 68.0 | 11.2 | 32.5 | 2795 | 63.1 | 9.9 | 23.4 | 2675 | 45.1 | 6.8 | 3.4 | 2496 | 6.3 | 0.9 | 330.0 | 113 | 562.3 | 3.6 |
| 12/15/09 14:30 | 36.7 | 2965 | 71.3 | 11.9 | 31.3 | 2810 | 60.7 | 9.6 | 19.4 | 2680 | 37.3 | 5.6 | 4.1 | 2485 | 7.6 | 1.1 | 180.0 | 112 | 295.4 | 1.9 |
| 12/15/09 15:00 | 38.3 | 3022 | 74.6 | 12.7 | 29.0 | 2857 | 56.1 | 9.0 | 21.1 | 2717 | 40.6 | 6.2 | 4.3 | 2507 | 8.0 | 1.1 | 180.0 | 113 | 295.4 | 1.9 |
| 12/15/09 15:30 | 40.0 | 2865 | 77.9 | 12.6 | 27.9 | 2746 | 53.9 | 8.3 | 19.9 | 2646 | 38.2 | 5.7 | 2.9 | 2496 | 5.4 | 0.8 | 140.0 | 113 | 226.2 | 1.4 |
| 12/15/09 16:00 | 32.0 | 3095 | 62.1 | 10.8 | 26.7 | 2888 | 51.6 | 8.4 | 17.7 | 2714 | 33.9 | 5.2 | 3.6 | 2452 | 6.7 | 0.9 | 130.0 | 111 | 209.1 | 1.3 |
| 12/15/09 16:30 | 34.0 | 3080 | 66.0 | 11.4 | 25.6 | 2878 | 49.4 | 8.0 | 16.3 | 2708 | 31.2 | 4.7 | 3.2 | 2452 | 5.9 | 0.8 | 110.0 | 111 | 175.1 | 1.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/15/09 17:00 | 30.0 | 3080 | 58.1 | 10.1 | 24.4 | 2871 | 47.1 | 7.6 | 14.2 | 2695 | 27.1 | 4.1 | 2.7 | 2430 | 5.0 | 0.7 | 82.0 | 110 | 128.2 | 0.8 |
| 12/15/09 17:30 | 27.0 | 3051 | 52.2 | 9.0 | 23.3 | 2837 | 44.9 | 7.2 | 13.8 | 2657 | 26.3 | 3.9 | 2.6 | 2387 | 4.8 | 0.6 | 120.0 | 108 | 192.0 | 1.2 |
| 12/15/09 18:00 | 30.0 | 2979 | 58.1 | 9.7 | 22.2 | 2792 | 42.7 | 6.7 | 12.7 | 2634 | 24.2 | 3.6 | 2.6 | 2397 | 4.8 | 0.6 | 120.0 | 109 | 192.0 | 1.2 |
| 12/15/09 18:30 | 27.0 | 2979 | 52.2 | 8.7 | 21.0 | 2785 | 40.4 | 6.3 | 11.5 | 2621 | 21.9 | 3.2 | 2.5 | 2376 | 4.6 | 0.6 | 220.0 | 108 | 365.6 | 2.2 |
| 12/15/09 19:00 | 24.0 | 2951 | 46.3 | 7.7 | 19.9 | 2755 | 38.2 | 5.9 | 11.5 | 2591 | 21.9 | 3.2 | 2.3 | 2344 | 4.2 | 0.6 | 180.0 | 106 | 295.4 | 1.8 |
| 12/15/09 19:30 | 23.0 | 3008 | 44.3 | 7.5 | 18.7 | 2801 | 35.9 | 5.7 | 16.1 | 2627 | 30.8 | 4.5 | 2.3 | 2365 | 4.2 | 0.6 | 140.0 | 107 | 226.2 | 1.4 |
| 12/15/09 20:00 | 22.0 | 2880 | 42.4 | 6.9 | 17.6 | 2718 | 33.7 | 5.1 | 14.3 | 2581 | 27.3 | 4.0 | 2.2 | 2376 | 4.0 | 0.5 | 89.0 | 108 | 139.8 | 0.8 |
| 12/15/09 20:30 | 19.0 | 3008 | 36.5 | 6.2 | 16.4 | 2798 | 31.5 | 4.9 | 12.1 | 2620 | 23.0 | 3.4 | 2.2 | 2354 | 4.0 | 0.5 | 93.0 | 107 | 146.5 | 0.9 |
| 12/15/09 21:00 | 18.0 | 2706 | 34.5 | 5.2 | 15.3 | 2593 | 29.2 | 4.3 | 10.9 | 2497 | 20.7 | 2.9 | 4.0 | 2354 | 7.4 | 1.0 | 150.0 | 107 | 243.4 | 1.5 |
| 12/15/09 21:30 | 16.0 | 2865 | 30.6 | 4.9 | 19.3 | 2694 | 37.1 | 5.6 | 10.7 | 2550 | 20.3 | 2.9 | 2.5 | 2333 | 4.6 | 0.6 | 99.0 | 106 | 156.5 | 0.9 |
| 12/15/09 22:00 | 16.0 | 2865 | 30.6 | 4.9 | 15.9 | 2701 | 30.4 | 4.6 | 13.2 | 2562 | 25.2 | 3.6 | 2.1 | 2354 | 3.9 | 0.5 | 120.0 | 107 | 192.0 | 1.2 |
| 12/15/09 22:30 | 17.0 | 2937 | 32.6 | 5.4 | 15.6 | 2756 | 29.8 | 4.6 | 10.1 | 2604 | 19.1 | 2.8 | 1.8 | 2376 | 3.3 | 0.4 | 205.0 | 108 | 339.1 | 2.1 |
| 12/15/09 23:00 | 18.0 | 3051 | 34.5 | 5.9 | 13.6 | 2848 | 25.9 | 4.2 | 10.1 | 2676 | 19.1 | 2.9 | 3.0 | 2419 | 5.6 | 0.8 | 160.0 | 110 | 260.7 | 1.6 |
| 12/15/09 23:30 | 16.0 | 2880 | 30.6 | 5.0 | 14.8 | 2764 | 28.3 | 4.4 | 13.4 | 2665 | 25.5 | 3.8 | 2.3 | 2518 | 4.2 | 0.6 | 150.0 | 114 | 243.4 | 1.6 |
| 12/16/09 0:00 | 16.0 | 2836 | 30.6 | 4.9 | 14.8 | 2770 | 28.3 | 4.4 | 16.6 | 2715 | 31.8 | 4.8 | 2.3 | 2631 | 4.2 | 0.6 | 650.0 | 119 | 1155.2 | 7.7 |
| 12/16/09 0:30 | 16.0 | 2851 | 30.6 | 4.9 | 13.4 | 2817 | 25.5 | 4.0 | 14.7 | 2789 | 28.1 | 4.4 | 3.2 | 2747 | 5.9 | 0.9 | 740.0 | 124 | 1325.8 | 9.2 |
| 12/16/09 1:00 | 16.0 | 2922 | 30.6 | 5.0 | 16.8 | 2904 | 32.2 | 5.3 | 19.1 | 2889 | 36.7 | 6.0 | 4.0 | 2866 | 7.4 | 1.2 | 300.0 | 129 | 508.2 | 3.7 |
| 12/16/09 1:30 | 15.0 | 2880 | 28.7 | 4.6 | 16.6 | 2927 | 31.8 | 5.2 | 33.2 | 2966 | 64.5 | 10.7 | 7.2 | 3026 | 13.6 | 2.3 | 190.0 | 135 | 312.9 | 2.4 |
| 12/16/09 2:00 | 15.0 | 3198 | 28.7 | 5.2 | 18.1 | 3183 | 34.7 | 6.2 | 32.8 | 3171 | 63.7 | 11.3 | 4.8 | 3152 | 9.0 | 1.6 | 180.0 | 141 | 295.4 | 2.3 |
| 12/16/09 2:30 | 18.0 | 3124 | 34.5 | 6.1 | 25.2 | 3146 | 48.7 | 8.6 | 28.3 | 3163 | 54.8 | 9.7 | 5.8 | 3190 | 10.9 | 1.9 | 120.0 | 142 | 192.0 | 1.5 |
| 12/16/09 3:00 | 23.0 | 3258 | 44.3 | 8.1 | 38.3 | 3282 | 74.6 | 13.8 | 27.0 | 3303 | 52.2 | 9.7 | 5.9 | 3333 | 11.1 | 2.1 | 100.0 | 148 | 158.2 | 1.3 |
| 12/16/09 3:30 | 26.0 | 3349 | 50.2 | 9.5 | 36.7 | 3331 | 71.4 | 13.4 | 23.7 | 3316 | 45.7 | 8.5 | 6.6 | 3294 | 12.4 | 2.3 | 99.0 | 147 | 156.5 | 1.3 |
| 12/16/09 4:00 | 31.0 | 3288 | 60.1 | 11.1 | 35.1 | 3278 | 68.3 | 12.6 | 22.2 | 3268 | 42.8 | 7.9 | 8.0 | 3255 | 15.1 | 2.8 | 86.0 | 145 | 134.8 | 1.1 |
| 12/16/09 4:30 | 40.0 | 3567 | 77.9 | 15.6 | 33.5 | 3475 | 65.1 | 12.7 | 18.6 | 3397 | 35.7 | 6.8 | 7.8 | 3281 | 14.7 | 2.7 | 78.0 | 146 | 121.5 | 1.0 |
| 12/16/09 5:00 | 39.0 | 3426 | 76.0 | 14.6 | 32.0 | 3354 | 62.0 | 11.7 | 20.2 | 3294 | 38.8 | 7.2 | 6.5 | 3203 | 12.2 | 2.2 | 72.0 | 143 | 111.6 | 0.9 |
| 12/16/09 5:30 | 38.0 | 3811 | 74.0 | 15.8 | 30.4 | 3599 | 58.8 | 11.9 | 19.7 | 3420 | 37.8 | 7.3 | 4.3 | 3152 | 8.0 | 1.4 | 62.0 | 141 | 95.2 | 0.8 |
| 12/16/09 6:00 | 39.0 | 3551 | 76.0 | 15.2 | 28.8 | 3382 | 55.7 | 10.6 | 15.3 | 3239 | 29.2 | 5.3 | 3.8 | 3026 | 7.1 | 1.2 | 69.0 | 135 | 106.7 | 0.8 |
| 12/16/09 6:30 | 37.0 | 3535 | 72.0 | 14.3 | 27.2 | 3355 | 52.6 | 9.9 | 13.2 | 3203 | 25.2 | 4.5 | 9.9 | 2976 | 18.8 | 3.1 | 56.0 | 133 | 85.5 | 0.6 |
| 12/16/09 7:00 | 34.0 | 3349 | 66.0 | 12.4 | 25.6 | 3194 | 49.4 | 8.9 | 12.4 | 3063 | 23.6 | 4.1 | 4.3 | 2866 | 8.0 | 1.3 | 54.0 | 129 | 82.2 | 0.6 |
| 12/16/09 7:30 | 29.0 | 3582 | 56.1 | 11.3 | 19.0 | 3336 | 36.5 | 6.8 | 10.8 | 3129 | 20.5 | 3.6 | 3.5 | 2818 | 6.5 | 1.0 | 53.0 | 127 | 80.6 | 0.6 |
| 12/16/09 8:00 | 27.0 | 3395 | 52.2 | 10.0 | 19.0 | 3190 | 36.5 | 6.5 | 11.0 | 3018 | 20.9 | 3.5 | 2.4 | 2759 | 4.4 | 0.7 | 54.0 | 124 | 82.2 | 0.6 |
| 12/16/09 8:30 | 27.0 | 3288 | 52.2 | 9.6 | 19.0 | 3084 | 36.5 | 6.3 | 10.9 | 2912 | 20.7 | 3.4 | 2.1 | 2654 | 3.9 | 0.6 | 62.0 | 120 | 95.2 | 0.6 |
| 12/16/09 9:00 | 23.0 | 3519 | 44.3 | 8.8 | 16.6 | 3215 | 31.7 | 5.7 | 9.3 | 2959 | 17.6 | 2.9 | 2.1 | 2574 | 3.9 | 0.6 | 47.0 | 116 | 71.0 | 0.5 |
| 12/16/09 9:30 | 22.0 | 3198 | 42.4 | 7.6 | 14.1 | 2972 | 26.9 | 4.5 | 9.2 | 2782 | 17.4 | 2.7 | 1.9 | 2496 | 3.5 | 0.5 | 49.0 | 113 | 74.2 | 0.5 |
| 12/16/09 10:00 | 21.0 | 3243 | 40.4 | 7.4 | 13.8 | 2978 | 26.3 | 4.4 | 8.7 | 2754 | 16.4 | 2.5 | 1.8 | 2419 | 3.3 | 0.4 | 40.0 | 110 | 59.8 | 0.4 |
| 12/16/09 10:30 | 20.0 | 3080 | 38.4 | 6.7 | 12.8 | 2843 | 24.4 | 3.9 | 8.0 | 2643 | 15.1 | 2.2 | 1.8 | 2344 | 3.3 | 0.4 | 46.0 | 106 | 69.4 | 0.4 |
| 12/16/09 11:00 | 18.0 | 3080 | 34.5 | 6.0 | 11.8 | 2819 | 22.4 | 3.6 | 9.2 | 2599 | 17.4 | 2.5 | 1.8 | 2270 | 3.3 | 0.4 | 47.0 | 103 | 71.0 | 0.4 |
| 12/16/09 11:30 | 15.0 | 3022 | 28.7 | 4.9 | 12.1 | 2763 | 23.0 | 3.6 | 6.7 | 2545 | 12.6 | 1.8 | 1.8 | 2218 | 3.3 | 0.4 | 41.0 | 101 | 61.4 | 0.3 |
| 12/16/09 12:00 | 14.0 | 2894 | 26.7 | 4.3 | 11.1 | 2663 | 21.1 | 3.2 | 6.9 | 2468 | 13.0 | 1.8 | 4.3 | 2176 | 8.0 | 1.0 | 36.0 | 99 | 53.5 | 0.3 |
| 12/16/09 12:30 | 14.0 | 2965 | 26.7 | 4.5 | 12.3 | 2688 | 23.4 | 3.5 | 7.4 | 2455 | 13.9 | 1.9 | 3.0 | 2106 | 5.6 | 0.7 | 36.0 | 96 | 53.5 | 0.3 |
| 12/16/09 13:00 | 13.0 | 2851 | 24.8 | 4.0 | 10.7 | 2591 | 20.3 | 3.0 | 6.0 | 2373 | 11.3 | 1.5 | 1.9 | 2046 | 3.5 | 0.4 | 33.0 | 94 | 48.7 | 0.3 |
| 12/16/09 13:30 | 12.0 | 2763 | 22.8 | 3.5 | 11.1 | 2520 | 21.1 | 3.0 | 6.0 | 2315 | 11.3 | 1.5 | 2.2 | 2007 | 4.0 | 0.5 | 31.0 | 92 | 45.6 | 0.2 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/16/09 14:00 | 13.0 | 2763 | 24.8 | 3.8 | 8.6 | 2507 | 16.3 | 2.3 | 7.0 | 2292 | 13.2 | 1.7 | 1.9 | 1968 | 3.5 | 0.4 | 34.0 | 90 | 50.3 | 0.3 |
| 12/16/09 14:30 | 12.0 | 2649 | 22.8 | 3.4 | 9.7 | 2421 | 18.4 | 2.5 | 5.3 | 2228 | 9.9 | 1.2 | 1.8 | 1940 | 3.3 | 0.4 | 34.0 | 89 | 50.3 | 0.3 |
| 12/16/09 15:00 | 11.0 | 2593 | 20.9 | 3.0 | 8.8 | 2374 | 16.6 | 2.2 | 6.0 | 2189 | 11.3 | 1.4 | 1.8 | 1911 | 3.3 | 0.4 | 42.0 | 88 | 63.0 | 0.3 |
| 12/16/09 15:30 | 10.0 | 2692 | 19.0 | 2.9 | 8.2 | 2434 | 15.5 | 2.1 | 5.5 | 2217 | 10.3 | 1.3 | 1.8 | 1892 | 3.3 | 0.4 | 74.0 | 87 | 114.9 | 0.6 |
| 12/16/09 16:00 | 11.0 | 2511 | 20.9 | 2.9 | 8.8 | 2315 | 16.6 | 2.2 | 5.7 | 2149 | 10.7 | 1.3 | 1.8 | 1902 | 3.3 | 0.4 | 46.0 | 87 | 69.4 | 0.3 |
| 12/16/09 16:30 | 11.0 | 2678 | 20.9 | 3.1 | 8.6 | 2443 | 16.3 | 2.2 | 6.1 | 2245 | 11.4 | 1.4 | 1.6 | 1949 | 2.9 | 0.3 | 83.0 | 89 | 129.8 | 0.7 |
| 12/16/09 17:00 | 9.5 | 2649 | 18.0 | 2.7 | 7.6 | 2442 | 14.3 | 2.0 | 6.0 | 2268 | 11.3 | 1.4 | 1.5 | 2007 | 2.7 | 0.3 | 120.0 | 92 | 192.0 | 1.0 |
| 12/16/09 17:30 | 10.0 | 2524 | 19.0 | 2.7 | 7.1 | 2370 | 13.4 | 1.8 | 5.9 | 2241 | 11.1 | 1.4 | 1.7 | 2046 | 3.1 | 0.4 | 37.0 | 94 | 55.0 | 0.3 |
| 12/16/09 18:00 | 8.6 | 2470 | 16.3 | 2.3 | 7.9 | 2356 | 14.9 | 2.0 | 7.2 | 2260 | 13.6 | 1.7 | 1.9 | 2116 | 3.5 | 0.4 | 34.0 | 97 | 50.3 | 0.3 |
| 12/16/09 18:30 | 8.3 | 2470 | 15.7 | 2.2 | 8.7 | 2392 | 16.4 | 2.2 | 6.7 | 2326 | 12.6 | 1.6 | 1.7 | 2228 | 3.1 | 0.4 | 44.0 | 101 | 66.2 | 0.4 |
| 12/16/09 19:00 | 8.3 | 2635 | 15.7 | 2.3 | 9.3 | 2521 | 17.6 | 2.5 | 5.8 | 2425 | 10.9 | 1.5 | 1.9 | 2280 | 3.5 | 0.4 | 44.0 | 104 | 66.2 | 0.4 |
| 12/16/09 19:30 | 9.0 | 2621 | 17.0 | 2.5 | 7.9 | 2522 | 14.9 | 2.1 | 6.4 | 2438 | 12.0 | 1.6 | 1.8 | 2312 | 3.3 | 0.4 | 100.0 | 105 | 158.2 | 0.9 |
| 12/16/09 20:00 | 9.2 | 2621 | 17.4 | 2.6 | 8.5 | 2539 | 16.1 | 2.3 | 6.9 | 2469 | 13.0 | 1.8 | 1.9 | 2365 | 3.5 | 0.5 | 78.0 | 107 | 121.5 | 0.7 |
| 12/16/09 20:30 | 10.0 | 2692 | 19.0 | 2.9 | 8.3 | 2593 | 15.7 | 2.3 | 8.4 | 2511 | 15.9 | 2.2 | 1.8 | 2387 | 3.3 | 0.4 | 32.0 | 108 | 47.2 | 0.3 |
| 12/16/09 21:00 | 10.0 | 2749 | 19.0 | 2.9 | 9.6 | 2650 | 18.2 | 2.7 | 10.1 | 2566 | 19.1 | 2.8 | 1.7 | 2441 | 3.1 | 0.4 | 32.0 | 111 | 47.2 | 0.3 |
| 12/16/09 21:30 | 9.8 | 2865 | 18.6 | 3.0 | 9.0 | 2754 | 17.0 | 2.6 | 7.9 | 2659 | 14.9 | 2.2 | 4.7 | 2518 | 8.8 | 1.2 | 100.0 | 114 | 158.2 | 1.0 |
| 12/16/09 22:00 | 9.2 | 3022 | 17.4 | 3.0 | 9.6 | 2867 | 18.2 | 2.9 | 7.9 | 2737 | 14.9 | 2.3 | 2.6 | 2541 | 4.8 | 0.7 | 31.0 | 115 | 45.6 | 0.3 |
| 12/16/09 22:30 | 9.0 | 2894 | 17.0 | 2.8 | 12.1 | 2784 | 23.0 | 3.6 | 8.5 | 2691 | 16.1 | 2.4 | 2.2 | 2552 | 4.0 | 0.6 | 29.0 | 115 | 42.5 | 0.3 |
| 12/16/09 23:00 | 11.0 | 2951 | 20.9 | 3.5 | 9.7 | 2822 | 18.4 | 2.9 | 8.3 | 2714 | 15.7 | 2.4 | 3.4 | 2552 | 6.3 | 0.9 | 29.0 | 115 | 42.5 | 0.3 |
| 12/16/09 23:30 | 11.0 | 3080 | 20.9 | 3.6 | 9.6 | 2918 | 18.2 | 3.0 | 7.7 | 2780 | 14.5 | 2.3 | 2.2 | 2574 | 4.0 | 0.6 | 32.0 | 116 | 47.2 | 0.3 |
| 12/17/09 0:00 | 12.0 | 3139 | 22.8 | 4.0 | 11.4 | 2954 | 21.7 | 3.6 | 7.9 | 2797 | 14.9 | 2.3 | 3.1 | 2563 | 5.7 | 0.8 | 26.0 | 116 | 37.8 | 0.2 |
| 12/17/09 0:30 | 12.0 | 2951 | 22.8 | 3.8 | 10.6 | 2808 | 20.1 | 3.2 | 7.6 | 2688 | 14.3 | 2.2 | 2.6 | 2507 | 4.8 | 0.7 | 36.0 | 113 | 53.5 | 0.3 |
| 12/17/09 1:00 | 11.0 | 3080 | 20.9 | 3.6 | 9.8 | 2889 | 18.6 | 3.0 | 6.5 | 2727 | 12.2 | 1.9 | 2.2 | 2485 | 4.0 | 0.6 | 26.0 | 112 | 37.8 | 0.2 |
| 12/17/09 1:30 | 12.0 | 2994 | 22.8 | 3.8 | 9.0 | 2826 | 17.0 | 2.7 | 6.7 | 2685 | 12.6 | 1.9 | 2.4 | 2474 | 4.4 | 0.6 | 24.0 | 112 | 34.8 | 0.2 |
| 12/17/09 2:00 | 12.0 | 3095 | 22.8 | 4.0 | 10.0 | 2881 | 19.0 | 3.1 | 7.1 | 2701 | 13.4 | 2.0 | 2.1 | 2430 | 3.9 | 0.5 | 23.0 | 110 | 33.2 | 0.2 |
| 12/17/09 2:30 | 11.0 | 2994 | 20.9 | 3.5 | 8.8 | 2795 | 16.6 | 2.6 | 6.6 | 2627 | 12.4 | 1.8 | 2.2 | 2376 | 4.0 | 0.5 | 25.0 | 108 | 36.3 | 0.2 |
| 12/17/09 3:00 | 11.0 | 2979 | 20.9 | 3.5 | 8.5 | 2771 | 16.1 | 2.5 | 6.8 | 2596 | 12.8 | 1.9 | 1.9 | 2333 | 3.5 | 0.5 | 24.0 | 106 | 34.8 | 0.2 |
| 12/17/09 3:30 | 11.0 | 2979 | 20.9 | 3.5 | 8.0 | 2754 | 15.1 | 2.3 | 5.7 | 2565 | 10.7 | 1.5 | 1.9 | 2280 | 3.5 | 0.4 | 24.0 | 104 | 34.8 | 0.2 |
| 12/17/09 4:00 | 10.0 | 2865 | 19.0 | 3.1 | 8.3 | 2670 | 15.7 | 2.4 | 5.0 | 2506 | 9.3 | 1.3 | 1.8 | 2259 | 3.3 | 0.4 | 23.0 | 103 | 33.2 | 0.2 |
| 12/17/09 4:30 | 10.0 | 2965 | 19.0 | 3.2 | 8.0 | 2724 | 15.1 | 2.3 | 5.3 | 2522 | 9.9 | 1.4 | 1.9 | 2218 | 3.5 | 0.4 | 22.0 | 101 | 31.7 | 0.2 |
| 12/17/09 5:00 | 9.7 | 2908 | 18.4 | 3.0 | 7.2 | 2666 | 13.6 | 2.0 | 5.3 | 2462 | 9.9 | 1.4 | 1.7 | 2156 | 3.1 | 0.4 | 21.0 | 98 | 30.2 | 0.2 |
| 12/17/09 5:30 | 8.6 | 2836 | 16.3 | 2.6 | 6.8 | 2614 | 12.8 | 1.9 | 5.7 | 2427 | 10.7 | 1.5 | 1.9 | 2146 | 3.5 | 0.4 | 22.0 | 98 | 31.7 | 0.2 |
| 12/17/09 6:00 | 8.2 | 2894 | 15.5 | 2.5 | 6.7 | 2640 | 12.6 | 1.9 | 5.2 | 2426 | 9.7 | 1.3 | 1.6 | 2106 | 2.9 | 0.3 | 22.0 | 96 | 31.7 | 0.2 |
| 12/17/09 6:30 | 7.8 | 2706 | 14.7 | 2.2 | 6.7 | 2503 | 12.6 | 1.8 | 4.5 | 2332 | 8.4 | 1.1 | 1.6 | 2076 | 2.9 | 0.3 | 22.0 | 95 | 31.7 | 0.2 |
| 12/17/09 7:00 | 8.5 | 2778 | 16.1 | 2.5 | 6.1 | 2542 | 11.4 | 1.6 | 4.9 | 2344 | 9.2 | 1.2 | 1.6 | 2046 | 2.9 | 0.3 | 32.0 | 94 | 47.2 | 0.2 |
| 12/17/09 7:30 | 7.6 | 2692 | 14.3 | 2.2 | 6.2 | 2471 | 11.6 | 1.6 | 4.7 | 2286 | 8.8 | 1.1 | 1.4 | 2007 | 2.6 | 0.3 | 42.0 | 92 | 63.0 | 0.3 |
| 12/17/09 8:00 | 7.5 | 2621 | 14.1 | 2.1 | 6.9 | 2411 | 13.0 | 1.8 | 4.9 | 2234 | 9.2 | 1.1 | 1.5 | 1968 | 2.7 | 0.3 | 47.0 | 90 | 71.0 | 0.4 |
| 12/17/09 8:30 | 7.1 | 2763 | 13.4 | 2.1 | 6.0 | 2504 | 11.3 | 1.6 | 4.9 | 2286 | 9.2 | 1.2 | 1.3 | 1959 | 2.4 | 0.3 | 63.0 | 90 | 96.9 | 0.5 |
| 12/17/09 9:00 | 7.3 | 2621 | 13.7 | 2.0 | 5.5 | 2405 | 10.3 | 1.4 | 5.7 | 2222 | 10.7 | 1.3 | 1.2 | 1949 | 2.2 | 0.2 | 70.0 | 89 | 108.3 | 0.5 |
| 12/17/09 9:30 | 6.2 | 2735 | 11.6 | 1.8 | 5.9 | 2482 | 11.1 | 1.5 | 5.3 | 2269 | 9.9 | 1.3 | 1.4 | 1949 | 2.6 | 0.3 | 57.0 | 89 | 87.1 | 0.4 |
| 12/17/09 10:00 | 8.0 | 2692 | 15.1 | 2.3 | 5.1 | 2453 | 9.5 | 1.3 | 4.9 | 2251 | 9.2 | 1.2 | 1.7 | 1949 | 3.1 | 0.3 | 48.0 | 89 | 72.6 | 0.4 |
| 12/17/09 10:30 | 6.2 | 2649 | 11.6 | 1.7 | 6.4 | 2409 | 12.0 | 1.6 | 5.4 | 2206 | 10.1 | 1.3 | 1.7 | 1902 | 3.1 | 0.3 | 56.0 | 87 | 85.5 | 0.4 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/17/09 11:00 | 6.3 | 2524 | 11.8 | 1.7 | 6.5 | 2318 | 12.2 | 1.6 | 5.3 | 2144 | 9.9 | 1.2 | 1.3 | 1883 | 2.4 | 0.3 | 65.0 | 87 | 100.1 | 0.5 |
| 12/17/09 11:30 | 8.8 | 2621 | 16.6 | 2.5 | 6.9 | 2380 | 13.0 | 1.7 | 5.2 | 2178 | 9.7 | 1.2 | 1.5 | 1873 | 2.7 | 0.3 | 38.0 | 86 | 56.6 | 0.3 |
| 12/17/09 12:00 | 6.5 | 2607 | 12.2 | 1.8 | 6.2 | 2365 | 11.6 | 1.5 | 5.7 | 2161 | 10.7 | 1.3 | 1.3 | 1855 | 2.4 | 0.2 | 32.0 | 85 | 47.2 | 0.2 |
| 12/17/09 12:30 | 7.1 | 2376 | 13.4 | 1.8 | 5.9 | 2199 | 11.1 | 1.4 | 5.6 | 2050 | 10.5 | 1.2 | 1.4 | 1827 | 2.6 | 0.3 | 27.0 | 84 | 39.4 | 0.2 |
| 12/17/09 13:00 | 6.3 | 2538 | 11.8 | 1.7 | 5.7 | 2306 | 10.7 | 1.4 | 3.9 | 2111 | 7.3 | 0.9 | 1.3 | 1818 | 2.4 | 0.2 | 56.0 | 84 | 85.5 | 0.4 |
| 12/17/09 13:30 | 7.1 | 2621 | 13.4 | 2.0 | 5.1 | 2357 | 9.5 | 1.3 | 4.2 | 2134 | 7.8 | 0.9 | 1.3 | 1800 | 2.4 | 0.2 | 61.0 | 83 | 93.6 | 0.4 |
| 12/17/09 14:00 | 6.9 | 2511 | 13.0 | 1.8 | 6.3 | 2279 | 11.8 | 1.5 | 3.8 | 2083 | 7.1 | 0.8 | 1.4 | 1791 | 2.6 | 0.3 | 39.0 | 83 | 58.2 | 0.3 |
| 12/17/09 14:30 | 6.9 | 2429 | 13.0 | 1.8 | 6.2 | 2212 | 11.6 | 1.4 | 4.5 | 2029 | 8.4 | 1.0 | 1.3 | 1754 | 2.4 | 0.2 | 31.0 | 81 | 45.6 | 0.2 |
| 12/17/09 15:00 | 6.0 | 2552 | 11.3 | 1.6 | 4.6 | 2289 | 8.6 | 1.1 | 4.0 | 2068 | 7.4 | 0.9 | 1.3 | 1737 | 2.4 | 0.2 | 30.0 | 80 | 44.0 | 0.2 |
| 12/17/09 15:30 | 6.2 | 2416 | 11.6 | 1.6 | 4.8 | 2192 | 9.0 | 1.1 | 3.6 | 2002 | 6.7 | 0.8 | 1.2 | 1719 | 2.2 | 0.2 | 29.0 | 79 | 42.5 | 0.2 |
| 12/17/09 16:00 | 6.6 | 2593 | 12.4 | 1.8 | 4.8 | 2312 | 9.0 | 1.2 | 4.4 | 2075 | 8.2 | 1.0 | 1.2 | 1719 | 2.2 | 0.2 | 27.0 | 79 | 39.4 | 0.2 |
| 12/17/09 16:30 | 6.0 | 2416 | 11.3 | 1.5 | 4.9 | 2175 | 9.2 | 1.1 | 3.8 | 1971 | 7.1 | 0.8 | 1.6 | 1666 | 2.9 | 0.3 | 27.0 | 77 | 39.4 | 0.2 |
| 12/17/09 17:00 | 5.3 | 2298 | 9.9 | 1.3 | 5.2 | 2089 | 9.7 | 1.1 | 3.8 | 1913 | 7.1 | 0.8 | 1.2 | 1649 | 2.2 | 0.2 | 25.0 | 76 | 36.3 | 0.2 |
| 12/17/09 17:30 | 7.0 | 2363 | 13.2 | 1.7 | 4.4 | 2133 | 8.2 | 1.0 | 2.8 | 1939 | 5.2 | 0.6 | 1.4 | 1649 | 2.6 | 0.2 | 31.0 | 76 | 45.6 | 0.2 |
| 12/17/09 18:00 | 6.7 | 2376 | 12.6 | 1.7 | 4.5 | 2134 | 8.4 | 1.0 | 3.2 | 1929 | 5.9 | 0.6 | 1.3 | 1623 | 2.4 | 0.2 | 29.0 | 75 | 42.5 | 0.2 |
| 12/17/09 18:30 | 6.1 | 2376 | 11.4 | 1.5 | 4.4 | 2128 | 8.3 | 1.0 | 3.2 | 1919 | 5.9 | 0.6 | 1.4 | 1606 | 2.6 | 0.2 | 35.0 | 75 | 51.9 | 0.2 |
| 12/17/09 19:00 | 5.5 | 2324 | 10.3 | 1.3 | 4.4 | 2087 | 8.1 | 1.0 | 3.8 | 1888 | 7.1 | 0.7 | 1.3 | 1589 | 2.4 | 0.2 | 34.0 | 74 | 50.3 | 0.2 |
| 12/17/09 19:30 | 5.3 | 2311 | 9.9 | 1.3 | 4.3 | 2073 | 8.0 | 0.9 | 3.1 | 1872 | 5.7 | 0.6 | 1.4 | 1572 | 2.6 | 0.2 | 27.0 | 73 | 39.4 | 0.2 |
| 12/17/09 20:00 | 5.3 | 2259 | 9.9 | 1.3 | 4.2 | 2038 | 7.9 | 0.9 | 3.6 | 1851 | 6.7 | 0.7 | 1.3 | 1572 | 2.4 | 0.2 | 26.0 | 73 | 37.8 | 0.2 |
| 12/17/09 20:30 | 5.2 | 2246 | 9.7 | 1.2 | 4.2 | 2021 | 7.8 | 0.9 | 3.8 | 1831 | 7.1 | 0.7 | 1.3 | 1547 | 2.4 | 0.2 | 28.0 | 72 | 40.9 | 0.2 |
| 12/17/09 21:00 | 4.8 | 2233 | 9.0 | 1.1 | 4.1 | 1999 | 7.6 | 0.9 | 3.2 | 1802 | 5.9 | 0.6 | 1.1 | 1506 | 2.0 | 0.2 | 25.0 | 70 | 36.3 | 0.1 |
| 12/17/09 21:30 | 5.4 | 2272 | 10.1 | 1.3 | 4.0 | 2020 | 7.5 | 0.9 | 2.8 | 1808 | 5.2 | 0.5 | 1.5 | 1489 | 2.7 | 0.2 | 25.0 | 69 | 36.3 | 0.1 |
| 12/17/09 22:00 | 5.8 | 2169 | 10.9 | 1.3 | 4.0 | 1945 | 7.4 | 0.8 | 2.8 | 1756 | 5.2 | 0.5 | 1.6 | 1473 | 2.9 | 0.2 | 26.0 | 69 | 37.8 | 0.1 |
| 12/17/09 22:30 | 5.1 | 2195 | 9.5 | 1.2 | 3.9 | 1957 | 7.3 | 0.8 | 2.8 | 1757 | 5.2 | 0.5 | 1.2 | 1457 | 2.2 | 0.2 | 26.0 | 68 | 37.8 | 0.1 |
| 12/17/09 23:00 | 5.1 | 2195 | 9.5 | 1.2 | 3.8 | 1950 | 7.1 | 0.8 | 4.7 | 1743 | 8.8 | 0.9 | 1.3 | 1433 | 2.4 | 0.2 | 27.0 | 67 | 39.4 | 0.1 |
| 12/17/09 23:30 | 5.7 | 2144 | 10.7 | 1.3 | 3.8 | 1907 | 7.0 | 0.8 | 2.6 | 1708 | 4.8 | 0.5 | 1.1 | 1409 | 2.0 | 0.2 | 27.0 | 66 | 39.4 | 0.1 |
| 12/18/09 0:00 | 4.8 | 2195 | 9.0 | 1.1 | 3.7 | 1939 | 6.9 | 0.7 | 2.6 | 1724 | 4.8 | 0.5 | 1.2 | 1401 | 2.2 | 0.2 | 25.0 | 66 | 36.3 | 0.1 |
| 12/18/09 0:30 | 4.8 | 2068 | 9.0 | 1.0 | 3.4 | 1846 | 6.2 | 0.6 | 3.1 | 1659 | 5.7 | 0.5 | 0.9 | 1378 | 1.6 | 0.1 | 26.0 | 65 | 37.8 | 0.1 |
| 12/18/09 1:00 | 4.6 | 2055 | 8.6 | 1.0 | 3.0 | 1835 | 5.6 | 0.6 | 2.5 | 1649 | 4.6 | 0.4 | 1.0 | 1370 | 1.8 | 0.1 | 26.0 | 64 | 37.8 | 0.1 |
| 12/18/09 1:30 | 4.7 | 2043 | 8.8 | 1.0 | 2.7 | 1819 | 5.0 | 0.5 | 2.8 | 1630 | 5.2 | 0.5 | 1.0 | 1347 | 1.8 | 0.1 | 24.0 | 63 | 34.8 | 0.1 |
| 12/18/09 2:00 | 4.2 | 1957 | 7.8 | 0.9 | 3.6 | 1753 | 6.7 | 0.7 | 3.6 | 1582 | 6.7 | 0.6 | 1.3 | 1324 | 2.4 | 0.2 | 25.0 | 62 | 36.3 | 0.1 |
| 12/18/09 2:30 | 11.0 | 2068 | 20.9 | 2.4 | 2.9 | 1821 | 5.4 | 0.5 | 2.8 | 1613 | 5.2 | 0.5 | 1.1 | 1302 | 2.0 | 0.1 | 24.0 | 61 | 34.8 | 0.1 |
| 12/18/09 3:00 | 4.3 | 1945 | 8.0 | 0.9 | 3.5 | 1740 | 6.5 | 0.6 | 2.8 | 1568 | 5.2 | 0.5 | 1.0 | 1309 | 1.8 | 0.1 | 26.0 | 62 | 37.8 | 0.1 |
| 12/18/09 3:30 | 4.5 | 2006 | 8.4 | 0.9 | 3.8 | 1772 | 7.1 | 0.7 | 2.1 | 1575 | 3.9 | 0.3 | 1.1 | 1279 | 2.0 | 0.1 | 25.0 | 60 | 36.3 | 0.1 |
| 12/18/09 4:00 | 3.9 | 1917 | 7.3 | 0.8 | 3.0 | 1709 | 5.6 | 0.5 | 2.4 | 1534 | 4.4 | 0.4 | 1.0 | 1272 | 1.8 | 0.1 | 24.0 | 60 | 34.8 | 0.1 |
| 12/18/09 4:30 | 4.2 | 1876 | 7.8 | 0.8 | 3.0 | 1677 | 5.5 | 0.5 | 2.4 | 1509 | 4.4 | 0.4 | 1.3 | 1257 | 2.4 | 0.2 | 24.0 | 59 | 34.8 | 0.1 |
| 12/18/09 5:00 | 4.1 | 1945 | 7.6 | 0.8 | 2.9 | 1716 | 5.4 | 0.5 | 2.6 | 1524 | 4.8 | 0.4 | 1.1 | 1235 | 2.0 | 0.1 | 26.0 | 58 | 37.8 | 0.1 |
| 12/18/09 5:30 | 4.6 | 1957 | 8.6 | 0.9 | 2.6 | 1722 | 4.8 | 0.5 | 2.2 | 1524 | 4.0 | 0.3 | 1.1 | 1228 | 2.0 | 0.1 | 25.0 | 58 | 36.3 | 0.1 |
| 12/18/09 6:00 | 4.0 | 1876 | 7.4 | 0.8 | 3.5 | 1658 | 6.5 | 0.6 | 2.2 | 1475 | 4.0 | 0.3 | 1.2 | 1199 | 2.2 | 0.1 | 24.0 | 57 | 34.8 | 0.1 |
| 12/18/09 6:30 | 3.4 | 1849 | 6.3 | 0.7 | 3.4 | 1638 | 6.3 | 0.6 | 2.4 | 1459 | 4.4 | 0.4 | 1.1 | 1192 | 2.0 | 0.1 | 24.0 | 56 | 34.8 | 0.1 |
| 12/18/09 7:00 | 3.5 | 1796 | 6.5 | 0.7 | 3.3 | 1599 | 6.2 | 0.6 | 1.9 | 1434 | 3.5 | 0.3 | 1.3 | 1185 | 2.4 | 0.2 | 28.0 | 56 | 40.9 | 0.1 |
| 12/18/09 7:30 | 4.1 | 1783 | 7.6 | 0.8 | 3.3 | 1586 | 6.0 | 0.5 | 1.8 | 1420 | 3.3 | 0.3 | 1.3 | 1171 | 2.4 | 0.2 | 27.0 | 55 | 39.4 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/18/09 8:00 | 3.8 | 1796 | 7.1 | 0.7 | 3.2 | 1584 | 5.9 | 0.5 | 2.0 | 1404 | 3.7 | 0.3 | 1.1 | 1136 | 2.0 | 0.1 | 28.0 | 54 | 40.9 | 0.1 |
| 12/18/09 8:30 | 3.3 | 1783 | 6.1 | 0.6 | 3.1 | 1577 | 5.7 | 0.5 | 6.9 | 1403 | 13.0 | 1.0 | 1.0 | 1143 | 1.8 | 0.1 | 29.0 | 54 | 42.5 | 0.1 |
| 12/18/09 9:00 | 3.5 | 1757 | 6.5 | 0.6 | 3.5 | 1555 | 6.5 | 0.6 | 2.2 | 1384 | 4.0 | 0.3 | 1.1 | 1129 | 2.0 | 0.1 | 27.0 | 54 | 39.4 | 0.1 |
| 12/18/09 9:30 | 3.7 | 1744 | 6.9 | 0.7 | 3.9 | 1541 | 7.3 | 0.6 | 3.2 | 1371 | 5.9 | 0.5 | 1.2 | 1115 | 2.2 | 0.1 | 27.0 | 53 | 39.4 | 0.1 |
| 12/18/09 10:00 | 3.2 | 1718 | 5.9 | 0.6 | 3.3 | 1520 | 6.1 | 0.5 | 1.7 | 1352 | 3.1 | 0.2 | 1.0 | 1102 | 1.8 | 0.1 | 30.0 | 52 | 44.0 | 0.1 |
| 12/18/09 10:30 | 3.1 | 1693 | 5.7 | 0.5 | 2.7 | 1500 | 5.0 | 0.4 | 1.8 | 1338 | 3.3 | 0.2 | 1.0 | 1095 | 1.8 | 0.1 | 32.0 | 52 | 47.2 | 0.1 |
| 12/18/09 11:00 | 3.2 | 1680 | 5.9 | 0.6 | 2.0 | 1485 | 3.7 | 0.3 | 1.8 | 1321 | 3.3 | 0.2 | 0.9 | 1075 | 1.6 | 0.1 | 30.0 | 51 | 44.0 | 0.1 |
| 12/18/09 11:30 | 3.0 | 1667 | 5.6 | 0.5 | 2.0 | 1472 | 3.7 | 0.3 | 1.7 | 1308 | 3.1 | 0.2 | 1.0 | 1061 | 1.8 | 0.1 | 30.0 | 50 | 44.0 | 0.1 |
| 12/18/09 12:00 | 2.9 | 1629 | 5.4 | 0.5 | 2.0 | 1444 | 3.7 | 0.3 | 1.6 | 1288 | 2.9 | 0.2 | 1.1 | 1055 | 2.0 | 0.1 | 29.0 | 50 | 42.5 | 0.1 |
| 12/18/09 12:30 | 3.2 | 1629 | 5.9 | 0.5 | 2.0 | 1440 | 3.7 | 0.3 | 1.8 | 1280 | 3.3 | 0.2 | 0.9 | 1041 | 1.6 | 0.1 | 32.0 | 50 | 47.2 | 0.1 |
| 12/18/09 13:00 | 3.4 | 1604 | 6.3 | 0.6 | 2.1 | 1414 | 3.9 | 0.3 | 1.7 | 1255 | 3.1 | 0.2 | 0.9 | 1015 | 1.6 | 0.1 | 29.0 | 48 | 42.5 | 0.1 |
| 12/18/09 13:30 | 4.0 | 1591 | 7.4 | 0.7 | 2.2 | 1408 | 4.0 | 0.3 | 1.7 | 1254 | 3.1 | 0.2 | 0.9 | 1022 | 1.6 | 0.1 | 32.0 | 49 | 47.2 | 0.1 |
| 12/18/09 14:00 | 3.0 | 1579 | 5.6 | 0.5 | 2.3 | 1393 | 4.2 | 0.3 | 1.5 | 1237 | 2.7 | 0.2 | 1.0 | 1003 | 1.8 | 0.1 | 30.0 | 48 | 44.0 | 0.1 |
| 12/18/09 14:30 | 2.9 | 1604 | 5.4 | 0.5 | 2.4 | 1410 | 4.4 | 0.4 | 1.7 | 1247 | 3.1 | 0.2 | 1.0 | 1003 | 1.8 | 0.1 | 31.0 | 48 | 45.6 | 0.1 |
| 12/18/09 15:00 | 2.7 | 1542 | 5.0 | 0.4 | 2.3 | 1362 | 4.2 | 0.3 | 3.0 | 1211 | 5.6 | 0.4 | 1.0 | 983 | 1.8 | 0.1 | 30.0 | 47 | 44.0 | 0.1 |
| 12/18/09 15:30 | 3.1 | 1530 | 5.7 | 0.5 | 2.2 | 1350 | 4.0 | 0.3 | 1.5 | 1198 | 2.7 | 0.2 | 0.9 | 971 | 1.6 | 0.1 | 32.0 | 46 | 47.2 | 0.1 |
| 12/18/09 16:00 | 3.2 | 1518 | 5.9 | 0.5 | 2.1 | 1340 | 3.9 | 0.3 | 1.3 | 1190 | 2.4 | 0.2 | 1.0 | 964 | 1.8 | 0.1 | 32.0 | 46 | 47.2 | 0.1 |
| 12/18/09 16:30 | 6.3 | 1506 | 11.8 | 1.0 | 1.8 | 1330 | 3.3 | 0.2 | 1.4 | 1181 | 2.6 | 0.2 | 0.9 | 958 | 1.6 | 0.1 | 32.0 | 46 | 47.2 | 0.1 |
| 12/18/09 17:00 | 2.7 | 1482 | 5.0 | 0.4 | 1.7 | 1311 | 3.1 | 0.2 | 1.5 | 1168 | 2.7 | 0.2 | 1.0 | 952 | 1.8 | 0.1 | 33.0 | 46 | 48.7 | 0.1 |
| 12/18/09 17:30 | 2.4 | 1518 | 4.4 | 0.4 | 1.9 | 1334 | 3.5 | 0.3 | 1.5 | 1179 | 2.7 | 0.2 | 1.2 | 946 | 2.2 | 0.1 | 33.0 | 45 | 48.7 | 0.1 |
| 12/18/09 18:00 | 2.6 | 1506 | 4.8 | 0.4 | 1.9 | 1326 | 3.5 | 0.3 | 1.8 | 1174 | 3.3 | 0.2 | 0.9 | 946 | 1.6 | 0.1 | 35.0 | 45 | 51.9 | 0.1 |
| 12/18/09 18:30 | 2.4 | 1482 | 4.4 | 0.4 | 1.9 | 1305 | 3.5 | 0.3 | 1.7 | 1157 | 3.1 | 0.2 | 1.5 | 933 | 2.7 | 0.1 | 33.0 | 45 | 48.7 | 0.1 |
| 12/18/09 19:00 | 3.0 | 1458 | 5.6 | 0.5 | 2.0 | 1285 | 3.7 | 0.3 | 1.5 | 1140 | 2.7 | 0.2 | 1.0 | 921 | 1.8 | 0.1 | 37.0 | 44 | 55.0 | 0.1 |
| 12/18/09 19:30 | 2.8 | 1424 | 5.2 | 0.4 | 2.0 | 1258 | 3.6 | 0.3 | 1.6 | 1118 | 2.9 | 0.2 | 1.0 | 909 | 1.8 | 0.1 | 35.0 | 44 | 51.9 | 0.1 |
| 12/18/09 20:00 | 2.6 | 1458 | 4.8 | 0.4 | 1.9 | 1280 | 3.6 | 0.3 | 1.5 | 1129 | 2.7 | 0.2 | 0.9 | 903 | 1.6 | 0.1 | 33.0 | 43 | 48.7 | 0.1 |
| 12/18/09 20:30 | 2.2 | 1401 | 4.0 | 0.3 | 1.9 | 1237 | 3.5 | 0.2 | 1.5 | 1098 | 2.7 | 0.2 | 0.8 | 891 | 1.4 | 0.1 | 33.0 | 43 | 48.7 | 0.1 |
| 12/18/09 21:00 | 2.7 | 1424 | 5.0 | 0.4 | 1.9 | 1252 | 3.5 | 0.2 | 1.7 | 1108 | 3.1 | 0.2 | 1.0 | 891 | 1.8 | 0.1 | 33.0 | 43 | 48.7 | 0.1 |
| 12/18/09 21:30 | 2.6 | 1401 | 4.8 | 0.4 | 1.9 | 1233 | 3.4 | 0.2 | 1.7 | 1091 | 3.1 | 0.2 | 0.9 | 879 | 1.6 | 0.1 | 31.0 | 42 | 45.6 | 0.1 |
| 12/18/09 22:00 | 3.2 | 1378 | 5.9 | 0.5 | 1.8 | 1219 | 3.3 | 0.2 | 1.7 | 1086 | 3.1 | 0.2 | 0.9 | 885 | 1.6 | 0.1 | 32.0 | 43 | 47.2 | 0.1 |
| 12/18/09 22:30 | 2.7 | 1367 | 5.0 | 0.4 | 1.8 | 1208 | 3.3 | 0.2 | 1.4 | 1074 | 2.6 | 0.2 | 0.9 | 873 | 1.6 | 0.1 | 30.0 | 42 | 44.0 | 0.1 |
| 12/18/09 23:00 | 2.3 | 1356 | 4.2 | 0.3 | 1.8 | 1199 | 3.2 | 0.2 | 1.7 | 1066 | 3.1 | 0.2 | 0.9 | 867 | 1.6 | 0.1 | 35.5 | 42 | 52.7 | 0.1 |
| 12/18/09 23:30 | 2.5 | 1367 | 4.6 | 0.4 | 1.7 | 1202 | 3.2 | 0.2 | 1.5 | 1064 | 2.7 | 0.2 | 0.9 | 856 | 1.6 | 0.1 | 34.0 | 41 | 50.3 | 0.1 |
| 12/19/09 0:00 | 2.8 | 1345 | 5.2 | 0.4 | 1.7 | 1187 | 3.1 | 0.2 | 1.4 | 1055 | 2.6 | 0.2 | 1.0 | 856 | 1.8 | 0.1 | 31.0 | 41 | 45.6 | 0.1 |
| 12/19/09 0:30 | 2.4 | 1345 | 4.4 | 0.3 | 1.7 | 1185 | 3.1 | 0.2 | 1.8 | 1051 | 3.3 | 0.2 | 0.9 | 850 | 1.6 | 0.1 | 31.0 | 41 | 45.6 | 0.1 |
| 12/19/09 1:00 | 2.8 | 1345 | 5.2 | 0.4 | 1.7 | 1180 | 3.0 | 0.2 | 1.9 | 1041 | 3.5 | 0.2 | 1.1 | 832 | 2.0 | 0.1 | 32.0 | 40 | 47.2 | 0.1 |
| 12/19/09 1:30 | 2.2 | 1356 | 4.0 | 0.3 | 1.6 | 1191 | 3.0 | 0.2 | 1.5 | 1052 | 2.7 | 0.2 | 0.8 | 844 | 1.4 | 0.1 | 30.0 | 41 | 44.0 | 0.1 |
| 12/19/09 2:00 | 2.7 | 1323 | 5.0 | 0.4 | 1.6 | 1167 | 2.9 | 0.2 | 1.5 | 1035 | 2.7 | 0.2 | 0.8 | 838 | 1.4 | 0.1 | 35.0 | 40 | 51.9 | 0.1 |
| 12/19/09 2:30 | 2.4 | 1312 | 4.4 | 0.3 | 1.6 | 1156 | 2.9 | 0.2 | 2.0 | 1024 | 3.7 | 0.2 | 0.9 | 827 | 1.6 | 0.1 | 42.0 | 40 | 63.0 | 0.1 |
| 12/19/09 3:00 | 2.2 | 1290 | 4.0 | 0.3 | 1.5 | 1141 | 2.8 | 0.2 | 1.4 | 1015 | 2.6 | 0.1 | 0.9 | 827 | 1.6 | 0.1 | 35.0 | 40 | 51.9 | 0.1 |
| 12/19/09 3:30 | 3.2 | 1290 | 5.9 | 0.4 | 1.5 | 1141 | 2.8 | 0.2 | 1.9 | 1015 | 3.5 | 0.2 | 0.9 | 827 | 1.6 | 0.1 | 39.0 | 40 | 58.2 | 0.1 |
| 12/19/09 4:00 | 2.3 | 1290 | 4.2 | 0.3 | 1.5 | 1137 | 2.7 | 0.2 | 1.4 | 1009 | 2.6 | 0.1 | 0.8 | 815 | 1.4 | 0.1 | 46.0 | 39 | 69.4 | 0.2 |
| 12/19/09 4:30 | 2.4 | 1312 | 4.4 | 0.3 | 1.5 | 1156 | 2.7 | 0.2 | 2.0 | 1024 | 3.7 | 0.2 | 0.9 | 827 | 1.6 | 0.1 | 46.0 | 40 | 69.4 | 0.2 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/19/09 5:00 | 2.3 | 1334 | 4.2 | 0.3 | 1.4 | 1170 | 2.6 | 0.2 | 1.7 | 1033 | 3.1 | 0.2 | 0.8 | 827 | 1.4 | 0.1 | 40.0 | 40 | 59.8 | 0.1 |
| 12/19/09 5:30 | 2.5 | 1323 | 4.6 | 0.3 | 1.4 | 1161 | 2.6 | 0.2 | 1.7 | 1025 | 3.1 | 0.2 | 1.0 | 821 | 1.8 | 0.1 | 89.0 | 40 | 139.8 | 0.3 |
| 12/19/09 6:00 | 2.3 | 1280 | 4.2 | 0.3 | 1.4 | 1137 | 2.6 | 0.2 | 2.0 | 1018 | 3.7 | 0.2 | 0.9 | 838 | 1.6 | 0.1 | 120.0 | 40 | 192.0 | 0.4 |
| 12/19/09 6:30 | 3.2 | 1290 | 5.9 | 0.4 | 2.5 | 1143 | 4.6 | 0.3 | 2.3 | 1019 | 4.2 | 0.2 | 1.0 | 832 | 1.8 | 0.1 | 100.0 | 40 | 158.2 | 0.4 |
| 12/19/09 7:00 | 2.7 | 1290 | 5.0 | 0.4 | 1.6 | 1145 | 2.9 | 0.2 | 1.7 | 1022 | 3.1 | 0.2 | 0.8 | 838 | 1.4 | 0.1 | 140.0 | 40 | 226.2 | 0.5 |
| 12/19/09 7:30 | 2.4 | 1290 | 4.4 | 0.3 | 1.9 | 1143 | 3.5 | 0.2 | 2.5 | 1019 | 4.6 | 0.3 | 0.9 | 832 | 1.6 | 0.1 | 150.0 | 40 | 243.4 | 0.5 |
| 12/19/09 8:00 | 2.3 | 1290 | 4.2 | 0.3 | 1.9 | 1148 | 3.5 | 0.2 | 3.9 | 1029 | 7.3 | 0.4 | 0.9 | 850 | 1.6 | 0.1 | 99.0 | 41 | 156.5 | 0.4 |
| 12/19/09 8:30 | 2.2 | 1301 | 4.0 | 0.3 | 2.3 | 1159 | 4.2 | 0.3 | 4.2 | 1040 | 7.8 | 0.5 | 0.9 | 861 | 1.6 | 0.1 | 110.0 | 41 | 175.1 | 0.4 |
| 12/19/09 9:00 | 2.3 | 1323 | 4.2 | 0.3 | 2.0 | 1178 | 3.7 | 0.2 | 4.9 | 1056 | 9.2 | 0.5 | 1.0 | 873 | 1.8 | 0.1 | 74.0 | 42 | 114.9 | 0.3 |
| 12/19/09 9:30 | 2.9 | 1312 | 5.4 | 0.4 | 2.8 | 1169 | 5.2 | 0.3 | 4.7 | 1048 | 8.8 | 0.5 | 0.9 | 867 | 1.6 | 0.1 | 62.0 | 42 | 95.2 | 0.2 |
| 12/19/09 10:00 | 2.4 | 1334 | 4.4 | 0.3 | 4.3 | 1191 | 8.0 | 0.5 | 3.7 | 1071 | 6.9 | 0.4 | 0.9 | 891 | 1.6 | 0.1 | 78.0 | 43 | 121.5 | 0.3 |
| 12/19/09 10:30 | 2.5 | 1356 | 4.6 | 0.4 | 3.6 | 1206 | 6.7 | 0.5 | 3.2 | 1080 | 5.9 | 0.4 | 0.8 | 891 | 1.4 | 0.1 | 89.0 | 43 | 139.8 | 0.3 |
| 12/19/09 11:00 | 2.3 | 1345 | 4.2 | 0.3 | 4.1 | 1203 | 7.6 | 0.5 | 3.5 | 1083 | 6.5 | 0.4 | 0.8 | 903 | 1.4 | 0.1 | 81.0 | 43 | 126.5 | 0.3 |
| 12/19/09 11:30 | 2.5 | 1345 | 4.6 | 0.3 | 3.7 | 1206 | 6.9 | 0.5 | 3.2 | 1090 | 5.9 | 0.4 | 0.9 | 915 | 1.6 | 0.1 | 71.0 | 44 | 110.0 | 0.3 |
| 12/19/09 12:00 | 2.9 | 1356 | 5.4 | 0.4 | 3.3 | 1208 | 6.1 | 0.4 | 2.6 | 1084 | 4.8 | 0.3 | 0.9 | 897 | 1.6 | 0.1 | 58.0 | 43 | 88.7 | 0.2 |
| 12/19/09 12:30 | 3.1 | 1378 | 5.7 | 0.4 | 3.1 | 1231 | 5.7 | 0.4 | 3.0 | 1107 | 5.6 | 0.3 | 0.8 | 921 | 1.4 | 0.1 | 54.0 | 44 | 82.2 | 0.2 |
| 12/19/09 13:00 | 3.8 | 1389 | 7.1 | 0.6 | 2.8 | 1237 | 5.2 | 0.4 | 2.6 | 1108 | 4.8 | 0.3 | 0.8 | 915 | 1.4 | 0.1 | 45.0 | 44 | 67.8 | 0.2 |
| 12/19/09 13:30 | 3.9 | 1401 | 7.3 | 0.6 | 2.5 | 1248 | 4.6 | 0.3 | 2.9 | 1120 | 5.4 | 0.3 | 1.1 | 927 | 2.0 | 0.1 | 47.0 | 44 | 71.0 | 0.2 |
| 12/19/09 14:00 | 4.7 | 1401 | 8.8 | 0.7 | 3.1 | 1248 | 5.7 | 0.4 | 2.3 | 1120 | 4.2 | 0.3 | 0.8 | 927 | 1.4 | 0.1 | 50.0 | 44 | 75.8 | 0.2 |
| 12/19/09 14:30 | 4.5 | 1378 | 8.4 | 0.7 | 3.1 | 1237 | 5.7 | 0.4 | 1.7 | 1118 | 3.1 | 0.2 | 0.8 | 940 | 1.4 | 0.1 | 51.0 | 45 | 77.4 | 0.2 |
| 12/19/09 15:00 | 4.2 | 1412 | 7.8 | 0.6 | 3.1 | 1254 | 5.7 | 0.4 | 2.0 | 1121 | 3.7 | 0.2 | 0.9 | 921 | 1.6 | 0.1 | 47.0 | 44 | 71.0 | 0.2 |
| 12/19/09 15:30 | 3.2 | 1435 | 5.9 | 0.5 | 2.4 | 1275 | 4.4 | 0.3 | 1.6 | 1141 | 2.9 | 0.2 | 0.8 | 940 | 1.4 | 0.1 | 42.0 | 45 | 63.0 | 0.2 |
| 12/19/09 16:00 | 2.8 | 1447 | 5.2 | 0.4 | 2.5 | 1281 | 4.6 | 0.3 | 2.2 | 1142 | 4.0 | 0.3 | 0.9 | 933 | 1.6 | 0.1 | 48.0 | 45 | 72.6 | 0.2 |
| 12/19/09 16:30 | 3.2 | 1389 | 5.9 | 0.5 | 2.5 | 1239 | 4.6 | 0.3 | 1.8 | 1112 | 3.3 | 0.2 | 0.8 | 921 | 1.4 | 0.1 | 53.0 | 44 | 80.6 | 0.2 |
| 12/19/09 17:00 | 3.0 | 1424 | 5.6 | 0.4 | 2.4 | 1262 | 4.3 | 0.3 | 1.7 | 1126 | 3.1 | 0.2 | 0.8 | 921 | 1.4 | 0.1 | 48.0 | 44 | 72.6 | 0.2 |
| 12/19/09 17:30 | 2.7 | 1424 | 5.0 | 0.4 | 2.1 | 1262 | 3.8 | 0.3 | 1.4 | 1126 | 2.6 | 0.2 | 0.8 | 921 | 1.4 | 0.1 | 44.0 | 44 | 66.2 | 0.2 |
| 12/19/09 18:00 | 3.0 | 1412 | 5.6 | 0.4 | 2.3 | 1254 | 4.1 | 0.3 | 1.5 | 1121 | 2.7 | 0.2 | 0.9 | 921 | 1.6 | 0.1 | 62.0 | 44 | 95.2 | 0.2 |
| 12/19/09 18:30 | 2.3 | 1424 | 4.2 | 0.3 | 1.9 | 1266 | 3.5 | 0.2 | 1.5 | 1133 | 2.7 | 0.2 | 0.8 | 933 | 1.4 | 0.1 | 46.0 | 45 | 69.4 | 0.2 |
| 12/19/09 19:00 | 2.2 | 1401 | 4.0 | 0.3 | 2.0 | 1244 | 3.6 | 0.3 | 1.7 | 1113 | 3.1 | 0.2 | 1.0 | 915 | 1.8 | 0.1 | 42.0 | 44 | 63.0 | 0.2 |
| 12/19/09 19:30 | 2.3 | 1412 | 4.2 | 0.3 | 1.9 | 1250 | 3.5 | 0.2 | 1.5 | 1114 | 2.7 | 0.2 | 0.8 | 909 | 1.4 | 0.1 | 46.0 | 44 | 69.4 | 0.2 |
| 12/19/09 20:00 | 2.0 | 1389 | 3.7 | 0.3 | 1.9 | 1235 | 3.5 | 0.2 | 1.8 | 1104 | 3.3 | 0.2 | 0.8 | 909 | 1.4 | 0.1 | 53.0 | 44 | 80.6 | 0.2 |
| 12/19/09 20:30 | 2.3 | 1389 | 4.2 | 0.3 | 2.7 | 1233 | 4.9 | 0.3 | 3.0 | 1101 | 5.6 | 0.3 | 1.0 | 903 | 1.8 | 0.1 | 40.0 | 43 | 59.8 | 0.1 |
| 12/19/09 21:00 | 3.0 | 1389 | 5.6 | 0.4 | 2.2 | 1233 | 4.0 | 0.3 | 1.3 | 1101 | 2.4 | 0.1 | 0.8 | 903 | 1.4 | 0.1 | 47.0 | 43 | 71.0 | 0.2 |
| 12/19/09 21:30 | 2.1 | 1378 | 3.9 | 0.3 | 1.8 | 1223 | 3.3 | 0.2 | 1.5 | 1093 | 2.7 | 0.2 | 0.8 | 897 | 1.4 | 0.1 | 46.0 | 43 | 69.4 | 0.2 |
| 12/19/09 22:00 | 2.2 | 1367 | 4.0 | 0.3 | 2.5 | 1214 | 4.6 | 0.3 | 2.8 | 1085 | 5.2 | 0.3 | 0.8 | 891 | 1.4 | 0.1 | 46.0 | 43 | 69.4 | 0.2 |
| 12/19/09 22:30 | 2.2 | 1389 | 4.0 | 0.3 | 2.0 | 1225 | 3.6 | 0.2 | 1.7 | 1087 | 3.1 | 0.2 | 0.8 | 879 | 1.4 | 0.1 | 56.0 | 42 | 85.5 | 0.2 |
| 12/19/09 23:00 | 2.2 | 1334 | 4.0 | 0.3 | 2.4 | 1189 | 4.3 | 0.3 | 2.5 | 1068 | 4.6 | 0.3 | 0.8 | 885 | 1.4 | 0.1 | 48.0 | 43 | 72.6 | 0.2 |
| 12/19/09 23:30 | 2.2 | 1345 | 4.0 | 0.3 | 1.6 | 1195 | 2.9 | 0.2 | 1.0 | 1069 | 1.8 | 0.1 | 0.8 | 879 | 1.4 | 0.1 | 52.0 | 42 | 79.0 | 0.2 |
| 12/20/09 0:00 | 2.1 | 1345 | 3.9 | 0.3 | 1.8 | 1193 | 3.2 | 0.2 | 1.4 | 1065 | 2.6 | 0.2 | 0.7 | 873 | 1.3 | 0.1 | 45.0 | 42 | 67.8 | 0.2 |
| 12/20/09 0:30 | 2.3 | 1356 | 4.2 | 0.3 | 1.9 | 1200 | 3.5 | 0.2 | 1.5 | 1070 | 2.7 | 0.2 | 0.8 | 873 | 1.4 | 0.1 | 44.0 | 42 | 66.2 | 0.2 |
| 12/20/09 1:00 | 2.2 | 1323 | 4.0 | 0.3 | 1.7 | 1174 | 3.1 | 0.2 | 1.2 | 1049 | 2.2 | 0.1 | 0.9 | 861 | 1.6 | 0.1 | 46.0 | 41 | 69.4 | 0.2 |
| 12/20/09 1:30 | 2.3 | 1334 | 4.2 | 0.3 | 1.9 | 1182 | 3.4 | 0.2 | 1.4 | 1054 | 2.6 | 0.2 | 0.8 | 861 | 1.4 | 0.1 | 45.0 | 41 | 67.8 | 0.2 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/20/09 2:00 | 2.0 | 1312 | 3.7 | 0.3 | 1.6 | 1165 | 2.8 | 0.2 | 1.1 | 1041 | 2.0 | 0.1 | 0.8 | 856 | 1.4 | 0.1 | 48.0 | 41 | 72.6 | 0.2 |
| 12/20/09 2:30 | 2.1 | 1323 | 3.9 | 0.3 | 1.8 | 1169 | 3.3 | 0.2 | 1.5 | 1039 | 2.7 | 0.2 | 0.8 | 844 | 1.4 | 0.1 | 46.0 | 41 | 69.4 | 0.2 |
| 12/20/09 3:00 | 2.0 | 1312 | 3.7 | 0.3 | 2.2 | 1159 | 4.0 | 0.3 | 2.3 | 1031 | 4.2 | 0.2 | 0.8 | 838 | 1.4 | 0.1 | 42.0 | 40 | 63.0 | 0.1 |
| 12/20/09 3:30 | 2.1 | 1312 | 3.9 | 0.3 | 1.7 | 1161 | 3.0 | 0.2 | 1.2 | 1034 | 2.2 | 0.1 | 1.0 | 844 | 1.8 | 0.1 | 40.0 | 41 | 59.8 | 0.1 |
| 12/20/09 4:00 | 1.8 | 1301 | 3.3 | 0.2 | 1.5 | 1150 | 2.7 | 0.2 | 1.2 | 1023 | 2.2 | 0.1 | 0.8 | 832 | 1.4 | 0.1 | 38.0 | 40 | 56.6 | 0.1 |
| 12/20/09 4:30 | 2.1 | 1301 | 3.9 | 0.3 | 1.7 | 1154 | 3.1 | 0.2 | 1.3 | 1030 | 2.4 | 0.1 | 0.8 | 844 | 1.4 | 0.1 | 38.0 | 41 | 56.6 | 0.1 |
| 12/20/09 5:00 | 2.2 | 1301 | 4.0 | 0.3 | 1.7 | 1150 | 3.0 | 0.2 | 1.1 | 1023 | 2.0 | 0.1 | 0.9 | 832 | 1.6 | 0.1 | 37.0 | 40 | 55.0 | 0.1 |
| 12/20/09 5:30 | 1.8 | 1269 | 3.3 | 0.2 | 1.7 | 1123 | 3.0 | 0.2 | 1.5 | 1000 | 2.7 | 0.2 | 0.8 | 815 | 1.4 | 0.1 | 44.0 | 39 | 66.2 | 0.1 |
| 12/20/09 6:00 | 1.8 | 1269 | 3.3 | 0.2 | 1.4 | 1125 | 2.6 | 0.2 | 1.0 | 1003 | 1.8 | 0.1 | 0.8 | 821 | 1.4 | 0.1 | 41.0 | 40 | 61.4 | 0.1 |
| 12/20/09 6:30 | 1.7 | 1280 | 3.1 | 0.2 | 1.5 | 1132 | 2.6 | 0.2 | 1.2 | 1008 | 2.2 | 0.1 | 0.8 | 821 | 1.4 | 0.1 | 42.0 | 40 | 63.0 | 0.1 |
| 12/20/09 7:00 | 2.1 | 1258 | 3.9 | 0.3 | 1.7 | 1114 | 3.0 | 0.2 | 1.2 | 992 | 2.2 | 0.1 | 0.8 | 810 | 1.4 | 0.1 | 42.0 | 39 | 63.0 | 0.1 |
| 12/20/09 7:30 | 1.8 | 1248 | 3.3 | 0.2 | 1.6 | 1108 | 2.8 | 0.2 | 1.3 | 991 | 2.4 | 0.1 | 0.8 | 815 | 1.4 | 0.1 | 43.0 | 39 | 64.6 | 0.1 |
| 12/20/09 8:00 | 2.1 | 1258 | 3.9 | 0.3 | 1.7 | 1116 | 3.0 | 0.2 | 1.2 | 996 | 2.2 | 0.1 | 0.8 | 815 | 1.4 | 0.1 | 41.0 | 39 | 61.4 | 0.1 |
| 12/20/09 8:30 | 1.8 | 1248 | 3.3 | 0.2 | 1.7 | 1103 | 3.1 | 0.2 | 1.6 | 981 | 2.9 | 0.2 | 0.8 | 798 | 1.4 | 0.1 | 41.0 | 39 | 61.4 | 0.1 |
| 12/20/09 9:00 | 2.3 | 1258 | 4.2 | 0.3 | 1.7 | 1114 | 3.1 | 0.2 | 1.1 | 992 | 2.0 | 0.1 | 0.7 | 810 | 1.3 | 0.1 | 99.0 | 39 | 156.5 | 0.3 |
| 12/20/09 9:30 | 2.1 | 1248 | 3.9 | 0.3 | 2.0 | 1105 | 3.6 | 0.2 | 1.8 | 985 | 3.3 | 0.2 | 0.9 | 804 | 1.6 | 0.1 | 56.0 | 39 | 85.5 | 0.2 |
| 12/20/09 10:00 | 1.7 | 1216 | 3.1 | 0.2 | 1.4 | 1084 | 2.5 | 0.1 | 1.0 | 972 | 1.8 | 0.1 | 0.8 | 804 | 1.4 | 0.1 | 68.0 | 39 | 105.0 | 0.2 |
| 12/20/09 10:30 | 1.9 | 1216 | 3.5 | 0.2 | 1.4 | 1080 | 2.6 | 0.2 | 0.9 | 965 | 1.6 | 0.1 | 0.9 | 793 | 1.6 | 0.1 | 59.0 | 38 | 90.3 | 0.2 |
| 12/20/09 11:00 | 2.0 | 1216 | 3.7 | 0.3 | 1.9 | 1080 | 3.4 | 0.2 | 1.7 | 965 | 3.1 | 0.2 | 0.7 | 793 | 1.3 | 0.1 | 47.0 | 38 | 71.0 | 0.2 |
| 12/20/09 11:30 | 2.4 | 1258 | 4.4 | 0.3 | 2.0 | 1108 | 3.7 | 0.2 | 1.6 | 982 | 2.9 | 0.2 | 0.7 | 793 | 1.3 | 0.1 | 45.0 | 38 | 67.8 | 0.1 |
| 12/20/09 12:00 | 2.1 | 1206 | 3.9 | 0.3 | 1.9 | 1075 | 3.5 | 0.2 | 1.7 | 964 | 3.1 | 0.2 | 0.7 | 798 | 1.3 | 0.1 | 43.0 | 39 | 64.6 | 0.1 |
| 12/20/09 12:30 | 2.1 | 1196 | 3.9 | 0.3 | 2.0 | 1061 | 3.7 | 0.2 | 1.9 | 947 | 3.5 | 0.2 | 0.7 | 776 | 1.3 | 0.1 | 46.0 | 38 | 69.4 | 0.1 |
| 12/20/09 13:00 | 2.1 | 1196 | 3.9 | 0.3 | 1.9 | 1062 | 3.5 | 0.2 | 1.7 | 950 | 3.1 | 0.2 | 0.8 | 782 | 1.4 | 0.1 | 44.0 | 38 | 66.2 | 0.1 |
| 12/20/09 13:30 | 2.0 | 1206 | 3.7 | 0.2 | 1.6 | 1069 | 2.9 | 0.2 | 1.2 | 954 | 2.2 | 0.1 | 0.9 | 782 | 1.6 | 0.1 | 41.0 | 38 | 61.4 | 0.1 |
| 12/20/09 14:00 | 2.1 | 1185 | 3.9 | 0.3 | 1.6 | 1050 | 2.8 | 0.2 | 1.0 | 936 | 1.8 | 0.1 | 0.9 | 765 | 1.6 | 0.1 | 43.0 | 37 | 64.6 | 0.1 |
| 12/20/09 14:30 | 2.1 | 1185 | 3.9 | 0.3 | 1.6 | 1055 | 2.9 | 0.2 | 1.1 | 946 | 2.0 | 0.1 | 0.7 | 782 | 1.3 | 0.1 | 44.0 | 38 | 66.2 | 0.1 |
| 12/20/09 15:00 | 2.3 | 1165 | 4.2 | 0.3 | 1.8 | 1038 | 3.2 | 0.2 | 1.2 | 931 | 2.2 | 0.1 | 1.0 | 771 | 1.8 | 0.1 | 43.0 | 37 | 64.6 | 0.1 |
| 12/20/09 15:30 | 2.1 | 1175 | 3.9 | 0.3 | 1.5 | 1043 | 2.7 | 0.2 | 0.9 | 932 | 1.6 | 0.1 | 0.8 | 765 | 1.4 | 0.1 | 38.0 | 37 | 56.6 | 0.1 |
| 12/20/09 16:00 | 2.7 | 1165 | 5.0 | 0.3 | 1.8 | 1036 | 3.3 | 0.2 | 1.0 | 928 | 1.7 | 0.1 | 0.8 | 765 | 1.4 | 0.1 | 36.0 | 37 | 53.5 | 0.1 |
| 12/20/09 16:30 | 2.2 | 1165 | 4.0 | 0.3 | 1.6 | 1040 | 2.9 | 0.2 | 1.0 | 934 | 1.8 | 0.1 | 0.9 | 776 | 1.6 | 0.1 | 36.0 | 38 | 53.5 | 0.1 |
| 12/20/09 17:00 | 2.4 | 1155 | 4.4 | 0.3 | 1.8 | 1031 | 3.2 | 0.2 | 1.1 | 927 | 2.0 | 0.1 | 0.8 | 771 | 1.4 | 0.1 | 37.0 | 37 | 55.0 | 0.1 |
| 12/20/09 17:30 | 3.8 | 1155 | 7.1 | 0.5 | 2.5 | 1031 | 4.5 | 0.3 | 1.1 | 927 | 2.0 | 0.1 | 1.0 | 771 | 1.8 | 0.1 | 38.0 | 37 | 56.6 | 0.1 |
| 12/20/09 18:00 | 2.4 | 1175 | 4.4 | 0.3 | 1.8 | 1049 | 3.3 | 0.2 | 1.2 | 942 | 2.2 | 0.1 | 0.9 | 782 | 1.6 | 0.1 | 38.0 | 38 | 56.6 | 0.1 |
| 12/20/09 18:30 | 2.2 | 1175 | 4.0 | 0.3 | 1.7 | 1050 | 3.0 | 0.2 | 1.1 | 945 | 2.0 | 0.1 | 0.8 | 787 | 1.4 | 0.1 | 46.0 | 38 | 69.4 | 0.1 |
| 12/20/09 19:00 | 2.2 | 1175 | 4.0 | 0.3 | 1.7 | 1056 | 3.0 | 0.2 | 1.1 | 955 | 2.0 | 0.1 | 0.9 | 804 | 1.6 | 0.1 | 60.0 | 39 | 92.0 | 0.2 |
| 12/20/09 19:30 | 1.9 | 1185 | 3.5 | 0.2 | 1.4 | 1066 | 2.6 | 0.2 | 0.9 | 966 | 1.6 | 0.1 | 0.8 | 815 | 1.4 | 0.1 | 130.0 | 39 | 209.1 | 0.5 |
| 12/20/09 20:00 | 3.3 | 1185 | 6.1 | 0.4 | 2.2 | 1075 | 4.0 | 0.2 | 1.1 | 983 | 2.0 | 0.1 | 0.8 | 844 | 1.4 | 0.1 | 130.0 | 41 | 209.1 | 0.5 |
| 12/20/09 20:30 | 2.0 | 1196 | 3.7 | 0.2 | 1.7 | 1088 | 3.0 | 0.2 | 1.3 | 997 | 2.4 | 0.1 | 0.9 | 861 | 1.6 | 0.1 | 210.0 | 41 | 347.9 | 0.8 |
| 12/20/09 21:00 | 2.1 | 1227 | 3.9 | 0.3 | 2.1 | 1122 | 3.8 | 0.2 | 2.0 | 1035 | 3.7 | 0.2 | 0.7 | 903 | 1.3 | 0.1 | 150.0 | 43 | 243.4 | 0.6 |
| 12/20/09 21:30 | 3.4 | 1216 | 6.3 | 0.4 | 3.4 | 1117 | 6.3 | 0.4 | 3.4 | 1034 | 6.3 | 0.4 | 0.8 | 909 | 1.4 | 0.1 | 160.0 | 44 | 260.7 | 0.6 |
| 12/20/09 22:00 | 2.2 | 1258 | 4.0 | 0.3 | 3.3 | 1158 | 6.1 | 0.4 | 4.4 | 1073 | 8.2 | 0.5 | 0.9 | 946 | 1.6 | 0.1 | 180.0 | 45 | 295.4 | 0.8 |
| 12/20/09 22:30 | 2.1 | 1280 | 3.9 | 0.3 | 3.9 | 1180 | 7.2 | 0.5 | 5.6 | 1096 | 10.5 | 0.6 | 0.9 | 971 | 1.6 | 0.1 | 120.0 | 46 | 192.0 | 0.5 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/20/09 23:00 | 4.1 | 1290 | 7.6 | 0.6 | 4.9 | 1198 | 9.2 | 0.6 | 5.7 | 1120 | 10.7 | 0.7 | 0.9 | 1003 | 1.6 | 0.1 | 76.0 | 48 | 118.2 | 0.3 |
| 12/20/09 23:30 | 2.4 | 1312 | 4.4 | 0.3 | 4.1 | 1221 | 7.6 | 0.5 | 5.8 | 1144 | 10.9 | 0.7 | 0.8 | 1028 | 1.4 | 0.1 | 76.0 | 49 | 118.2 | 0.3 |
| 12/21/09 0:00 | 2.5 | 1323 | 4.6 | 0.3 | 3.9 | 1230 | 7.2 | 0.5 | 5.2 | 1152 | 9.7 | 0.6 | 1.2 | 1035 | 2.2 | 0.1 | 83.0 | 49 | 129.8 | 0.4 |
| 12/21/09 0:30 | 4.9 | 1345 | 9.2 | 0.7 | 4.4 | 1253 | 8.1 | 0.6 | 3.8 | 1177 | 7.1 | 0.5 | 1.0 | 1061 | 1.8 | 0.1 | 66.0 | 50 | 101.8 | 0.3 |
| 12/21/09 1:00 | 2.8 | 1412 | 5.2 | 0.4 | 2.8 | 1301 | 5.1 | 0.4 | 2.7 | 1208 | 5.0 | 0.3 | 1.1 | 1068 | 2.0 | 0.1 | 57.0 | 51 | 87.1 | 0.2 |
| 12/21/09 1:30 | 2.7 | 1435 | 5.0 | 0.4 | 2.7 | 1325 | 4.9 | 0.4 | 2.6 | 1233 | 4.8 | 0.3 | 1.0 | 1095 | 1.8 | 0.1 | 52.0 | 52 | 79.0 | 0.2 |
| 12/21/09 2:00 | 3.4 | 1458 | 6.3 | 0.5 | 3.0 | 1343 | 5.5 | 0.4 | 2.5 | 1247 | 4.6 | 0.3 | 1.0 | 1102 | 1.8 | 0.1 | 58.0 | 52 | 88.7 | 0.3 |
| 12/21/09 2:30 | 3.9 | 1470 | 7.3 | 0.6 | 3.2 | 1356 | 5.9 | 0.5 | 2.5 | 1260 | 4.6 | 0.3 | 1.6 | 1115 | 2.9 | 0.2 | 50.0 | 53 | 75.8 | 0.2 |
| 12/21/09 3:00 | 5.6 | 1482 | 10.5 | 0.9 | 3.9 | 1368 | 7.2 | 0.6 | 2.1 | 1273 | 3.9 | 0.3 | 1.1 | 1129 | 2.0 | 0.1 | 53.0 | 54 | 80.6 | 0.2 |
| 12/21/09 3:30 | 5.3 | 1506 | 9.9 | 0.8 | 3.8 | 1396 | 7.0 | 0.5 | 2.2 | 1303 | 4.0 | 0.3 | 1.2 | 1164 | 2.2 | 0.1 | 130.0 | 55 | 209.1 | 0.6 |
| 12/21/09 4:00 | 5.3 | 1530 | 9.9 | 0.9 | 3.8 | 1430 | 7.1 | 0.6 | 2.3 | 1346 | 4.2 | 0.3 | 2.2 | 1221 | 4.0 | 0.3 | 260.0 | 58 | 436.5 | 1.4 |
| 12/21/09 4:30 | 5.1 | 1542 | 9.5 | 0.8 | 4.0 | 1455 | 7.3 | 0.6 | 2.8 | 1382 | 5.2 | 0.4 | 1.4 | 1272 | 2.6 | 0.2 | 140.0 | 60 | 226.2 | 0.8 |
| 12/21/09 5:00 | 5.1 | 1604 | 9.5 | 0.9 | 4.3 | 1526 | 8.0 | 0.7 | 3.5 | 1461 | 6.5 | 0.5 | 1.3 | 1362 | 2.4 | 0.2 | 680.0 | 64 | 1211.9 | 4.3 |
| 12/21/09 5:30 | 3.9 | 1667 | 7.3 | 0.7 | 5.0 | 1623 | 9.3 | 0.9 | 6.1 | 1586 | 11.4 | 1.0 | 1.2 | 1530 | 2.2 | 0.2 | 570.0 | 71 | 1004.8 | 4.0 |
| 12/21/09 6:00 | 3.9 | 1705 | 7.3 | 0.7 | 6.2 | 1701 | 11.5 | 1.1 | 8.4 | 1698 | 15.9 | 1.5 | 1.5 | 1692 | 2.7 | 0.3 | 250.0 | 78 | 418.7 | 1.8 |
| 12/21/09 6:30 | 4.3 | 1744 | 8.0 | 0.8 | 11.2 | 1810 | 21.2 | 2.2 | 18.0 | 1866 | 34.5 | 3.6 | 1.5 | 1949 | 2.7 | 0.3 | 150.0 | 89 | 243.4 | 1.2 |
| 12/21/09 7:00 | 4.2 | 1770 | 7.8 | 0.8 | 15.5 | 1921 | 29.5 | 3.2 | 26.7 | 2048 | 51.6 | 5.9 | 2.2 | 2238 | 4.0 | 0.5 | 430.0 | 102 | 744.9 | 4.3 |
| 12/21/09 7:30 | 4.5 | 1957 | 8.4 | 0.9 | 8.9 | 2116 | 16.8 | 2.0 | 13.3 | 2251 | 25.4 | 3.2 | 2.1 | 2452 | 3.9 | 0.5 | 230.0 | 111 | 383.2 | 2.4 |
| 12/21/09 8:00 | 5.9 | 2131 | 11.1 | 1.3 | 10.0 | 2303 | 19.0 | 2.5 | 14.1 | 2448 | 26.9 | 3.7 | 2.9 | 2666 | 5.4 | 0.8 | 120.0 | 120 | 192.0 | 1.3 |
| 12/21/09 8:30 | 8.3 | 2350 | 15.7 | 2.1 | 13.8 | 2508 | 26.3 | 3.7 | 19.3 | 2642 | 37.1 | 5.5 | 2.8 | 2842 | 5.2 | 0.8 | 96.0 | 128 | 151.5 | 1.1 |
| 12/21/09 9:00 | 10.0 | 2552 | 19.0 | 2.7 | 12.6 | 2665 | 23.9 | 3.6 | 15.1 | 2760 | 28.9 | 4.5 | 3.1 | 2903 | 5.7 | 0.9 | 96.0 | 130 | 151.5 | 1.1 |
| 12/21/09 9:30 | 15.0 | 2735 | 28.7 | 4.4 | 14.0 | 2797 | 26.6 | 4.2 | 12.9 | 2849 | 24.6 | 3.9 | 3.4 | 2927 | 6.3 | 1.0 | 93.0 | 131 | 146.5 | 1.1 |
| 12/21/09 10:00 | 24.0 | 3124 | 46.3 | 8.1 | 17.8 | 3057 | 34.1 | 5.9 | 11.6 | 3000 | 22.1 | 3.7 | 2.8 | 2915 | 5.2 | 0.8 | 77.0 | 131 | 119.9 | 0.9 |
| 12/21/09 10:30 | 25.0 | 3066 | 48.3 | 8.3 | 18.2 | 3006 | 34.8 | 5.9 | 11.3 | 2955 | 21.5 | 3.6 | 2.6 | 2878 | 4.8 | 0.8 | 78.0 | 129 | 121.5 | 0.9 |
| 12/21/09 11:00 | 22.0 | 3504 | 42.4 | 8.3 | 15.9 | 3302 | 30.4 | 5.6 | 9.8 | 3133 | 18.6 | 3.3 | 2.5 | 2878 | 4.6 | 0.7 | 270.0 | 129 | 454.4 | 3.3 |
| 12/21/09 11:30 | 25.0 | 3154 | 48.3 | 8.6 | 16.6 | 3050 | 31.7 | 5.4 | 8.1 | 2962 | 15.3 | 2.5 | 2.7 | 2830 | 5.0 | 0.8 | 220.0 | 127 | 365.6 | 2.6 |
| 12/21/09 12:00 | 23.0 | 3472 | 44.3 | 8.6 | 16.5 | 3266 | 31.6 | 5.8 | 10.0 | 3092 | 19.0 | 3.3 | 2.2 | 2830 | 4.0 | 0.6 | 260.0 | 127 | 436.5 | 3.1 |
| 12/21/09 12:30 | 20.0 | 3380 | 38.4 | 7.3 | 15.6 | 3199 | 29.7 | 5.3 | 11.1 | 3047 | 21.1 | 3.6 | 1.9 | 2818 | 3.5 | 0.6 | 320.0 | 127 | 544.2 | 3.9 |
| 12/21/09 13:00 | 19.0 | 3426 | 36.5 | 7.0 | 15.7 | 3238 | 30.0 | 5.5 | 12.4 | 3080 | 23.6 | 4.1 | 2.7 | 2842 | 5.0 | 0.8 | 190.0 | 128 | 312.9 | 2.2 |
| 12/21/09 13:30 | 20.0 | 3258 | 38.4 | 7.0 | 18.1 | 3128 | 34.6 | 6.1 | 16.1 | 3019 | 30.8 | 5.2 | 1.9 | 2854 | 3.5 | 0.6 | 130.0 | 128 | 209.1 | 1.5 |
| 12/21/09 14:00 | 21.0 | 3410 | 40.4 | 7.7 | 15.8 | 3227 | 30.1 | 5.5 | 10.5 | 3073 | 19.9 | 3.4 | 2.3 | 2842 | 4.2 | 0.7 | 170.0 | 128 | 278.0 | 2.0 |
| 12/21/09 14:30 | 18.0 | 3410 | 34.5 | 6.6 | 13.5 | 3224 | 25.7 | 4.7 | 9.0 | 3066 | 17.0 | 2.9 | 1.9 | 2830 | 3.5 | 0.6 | 120.0 | 127 | 192.0 | 1.4 |
| 12/21/09 15:00 | 16.0 | 3380 | 30.6 | 5.8 | 13.3 | 3187 | 25.4 | 4.5 | 10.6 | 3026 | 20.1 | 3.4 | 3.0 | 2783 | 5.6 | 0.9 | 140.0 | 125 | 226.2 | 1.6 |
| 12/21/09 15:30 | 18.0 | 3426 | 34.5 | 6.6 | 13.8 | 3204 | 26.2 | 4.7 | 9.5 | 3016 | 18.0 | 3.0 | 2.4 | 2736 | 4.4 | 0.7 | 84.0 | 123 | 131.5 | 0.9 |
| 12/21/09 16:00 | 20.0 | 3567 | 38.4 | 7.7 | 14.1 | 3306 | 26.8 | 5.0 | 8.1 | 3088 | 15.3 | 2.7 | 2.7 | 2759 | 5.0 | 0.8 | 93.0 | 124 | 146.5 | 1.0 |
| 12/21/09 16:30 | 20.0 | 3349 | 38.4 | 7.2 | 14.1 | 3122 | 26.9 | 4.7 | 8.2 | 2930 | 15.5 | 2.5 | 2.3 | 2643 | 4.2 | 0.6 | 140.0 | 119 | 226.2 | 1.5 |
| 12/21/09 17:00 | 16.0 | 3198 | 30.6 | 5.5 | 12.1 | 3001 | 22.9 | 3.9 | 8.1 | 2835 | 15.3 | 2.4 | 2.0 | 2586 | 3.7 | 0.5 | 80.0 | 117 | 124.8 | 0.8 |
| 12/21/09 17:30 | 16.0 | 3535 | 30.6 | 6.1 | 12.6 | 3215 | 24.0 | 4.3 | 9.2 | 2945 | 17.4 | 2.9 | 2.2 | 2541 | 4.0 | 0.6 | 76.0 | 115 | 118.2 | 0.8 |
| 12/21/09 18:00 | 15.0 | 3334 | 28.7 | 5.4 | 11.4 | 3053 | 21.7 | 3.7 | 7.8 | 2817 | 14.7 | 2.3 | 1.7 | 2463 | 3.1 | 0.4 | 85.0 | 112 | 133.1 | 0.8 |
| 12/21/09 18:30 | 14.0 | 3110 | 26.7 | 4.7 | 10.3 | 2884 | 19.5 | 3.2 | 6.6 | 2694 | 12.4 | 1.9 | 1.8 | 2408 | 3.3 | 0.4 | 67.0 | 109 | 103.4 | 0.6 |
| 12/21/09 19:00 | 16.0 | 3124 | 30.6 | 5.4 | 11.2 | 2873 | 21.2 | 3.4 | 6.3 | 2661 | 11.8 | 1.8 | 1.8 | 2344 | 3.3 | 0.4 | 68.0 | 106 | 105.0 | 0.6 |
| 12/21/09 19:30 | 13.0 | 3258 | 24.8 | 4.5 | 9.6 | 2953 | 18.1 | 3.0 | 6.1 | 2697 | 11.4 | 1.7 | 1.7 | 2312 | 3.1 | 0.4 | 47.0 | 105 | 71.0 | 0.4 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/21/09 20:00 | 14.0 | 3198 | 26.7 | 4.8 | 10.8 | 2889 | 20.5 | 3.3 | 7.6 | 2629 | 14.3 | 2.1 | 1.9 | 2238 | 3.5 | 0.4 | 41.0 | 102 | 61.4 | 0.4 |
| 12/21/09 20:30 | 12.0 | 3110 | 22.8 | 4.0 | 8.8 | 2822 | 16.5 | 2.6 | 5.5 | 2580 | 10.3 | 1.5 | 1.6 | 2218 | 2.9 | 0.4 | 54.0 | 101 | 82.2 | 0.5 |
| 12/21/09 21:00 | 12.0 | 2994 | 22.8 | 3.8 | 9.1 | 2714 | 17.1 | 2.6 | 6.1 | 2479 | 11.4 | 1.6 | 1.4 | 2126 | 2.6 | 0.3 | 51.0 | 97 | 77.4 | 0.4 |
| 12/21/09 21:30 | 10.0 | 3066 | 19.0 | 3.3 | 6.8 | 2760 | 12.8 | 2.0 | 5.0 | 2502 | 9.3 | 1.3 | 1.4 | 2116 | 2.6 | 0.3 | 36.0 | 97 | 53.5 | 0.3 |
| 12/21/09 22:00 | 11.0 | 2979 | 20.9 | 3.5 | 8.3 | 2692 | 15.7 | 2.4 | 4.6 | 2449 | 8.6 | 1.2 | 1.5 | 2086 | 2.7 | 0.3 | 33.0 | 95 | 48.7 | 0.3 |
| 12/21/09 22:30 | 11.0 | 2894 | 20.9 | 3.4 | 7.1 | 2615 | 13.4 | 2.0 | 4.9 | 2379 | 9.2 | 1.2 | 1.7 | 2026 | 3.1 | 0.4 | 34.0 | 93 | 50.3 | 0.3 |
| 12/21/09 23:00 | 10.0 | 2836 | 19.0 | 3.0 | 6.0 | 2560 | 11.3 | 1.6 | 4.9 | 2327 | 9.2 | 1.2 | 1.6 | 1978 | 2.9 | 0.3 | 28.0 | 91 | 40.9 | 0.2 |
| 12/21/09 23:30 | 9.1 | 2865 | 17.2 | 2.8 | 6.3 | 2564 | 11.8 | 1.7 | 3.9 | 2310 | 7.3 | 0.9 | 1.4 | 1930 | 2.6 | 0.3 | 22.0 | 89 | 31.7 | 0.2 |
| 12/22/09 0:00 | 8.1 | 2951 | 15.3 | 2.5 | 6.5 | 2613 | 12.2 | 1.8 | 3.9 | 2328 | 7.3 | 0.9 | 1.1 | 1902 | 2.0 | 0.2 | 23.0 | 87 | 33.2 | 0.2 |
| 12/22/09 0:30 | 8.3 | 2706 | 15.7 | 2.4 | 5.6 | 2432 | 10.4 | 1.4 | 3.3 | 2201 | 6.1 | 0.8 | 1.2 | 1855 | 2.2 | 0.2 | 23.0 | 85 | 33.2 | 0.2 |
| 12/22/09 1:00 | 7.4 | 2865 | 13.9 | 2.2 | 4.6 | 2528 | 8.6 | 1.2 | 3.3 | 2244 | 6.1 | 0.8 | 1.6 | 1818 | 2.9 | 0.3 | 21.0 | 84 | 30.2 | 0.1 |
| 12/22/09 1:30 | 7.8 | 2566 | 14.7 | 2.1 | 5.0 | 2316 | 9.3 | 1.2 | 3.3 | 2106 | 6.1 | 0.7 | 1.6 | 1791 | 2.9 | 0.3 | 22.0 | 83 | 31.7 | 0.1 |
| 12/22/09 2:00 | 6.9 | 2607 | 13.0 | 1.9 | 4.7 | 2333 | 8.8 | 1.2 | 3.5 | 2101 | 6.5 | 0.8 | 1.2 | 1754 | 2.2 | 0.2 | 20.0 | 81 | 28.6 | 0.1 |
| 12/22/09 2:30 | 6.6 | 2566 | 12.4 | 1.8 | 4.1 | 2290 | 7.6 | 1.0 | 3.3 | 2058 | 6.1 | 0.7 | 1.1 | 1710 | 2.0 | 0.2 | 20.0 | 79 | 28.6 | 0.1 |
| 12/22/09 3:00 | 7.2 | 2483 | 13.6 | 1.9 | 5.1 | 2220 | 9.5 | 1.2 | 3.0 | 1999 | 5.6 | 0.6 | 1.1 | 1666 | 2.0 | 0.2 | 23.0 | 77 | 33.2 | 0.1 |
| 12/22/09 3:30 | 5.8 | 2497 | 10.9 | 1.5 | 4.8 | 2224 | 9.0 | 1.1 | 2.8 | 1994 | 5.2 | 0.6 | 1.1 | 1649 | 2.0 | 0.2 | 24.0 | 76 | 34.8 | 0.1 |
| 12/22/09 4:00 | 5.4 | 2524 | 10.1 | 1.4 | 3.5 | 2231 | 6.5 | 0.8 | 2.6 | 1984 | 4.8 | 0.5 | 1.0 | 1614 | 1.8 | 0.2 | 31.0 | 75 | 45.6 | 0.2 |
| 12/22/09 4:30 | 5.8 | 2649 | 10.9 | 1.6 | 3.5 | 2308 | 6.6 | 0.9 | 3.3 | 2020 | 6.1 | 0.7 | 1.0 | 1589 | 1.8 | 0.2 | 23.0 | 74 | 33.2 | 0.1 |
| 12/22/09 5:00 | 5.5 | 2350 | 10.3 | 1.4 | 3.6 | 2097 | 6.6 | 0.8 | 2.6 | 1883 | 4.8 | 0.5 | 1.0 | 1564 | 1.8 | 0.2 | 21.0 | 73 | 30.2 | 0.1 |
| 12/22/09 5:30 | 5.5 | 2363 | 10.3 | 1.4 | 3.6 | 2095 | 6.7 | 0.8 | 2.7 | 1869 | 5.0 | 0.5 | 1.0 | 1530 | 1.8 | 0.2 | 18.0 | 71 | 25.6 | 0.1 |
| 12/22/09 6:00 | 4.8 | 2470 | 9.0 | 1.2 | 3.6 | 2162 | 6.7 | 0.8 | 2.6 | 1903 | 4.8 | 0.5 | 1.0 | 1514 | 1.8 | 0.2 | 21.0 | 71 | 30.2 | 0.1 |
| 12/22/09 6:30 | 4.6 | 2285 | 8.6 | 1.1 | 3.7 | 2028 | 6.8 | 0.8 | 2.7 | 1813 | 5.0 | 0.5 | 1.0 | 1489 | 1.8 | 0.2 | 18.0 | 69 | 25.6 | 0.1 |
| 12/22/09 7:00 | 4.7 | 2272 | 8.8 | 1.1 | 3.7 | 2012 | 6.9 | 0.8 | 2.5 | 1793 | 4.6 | 0.5 | 1.1 | 1465 | 2.0 | 0.2 | 17.0 | 68 | 24.1 | 0.1 |
| 12/22/09 7:30 | 4.6 | 2208 | 8.6 | 1.1 | 3.7 | 1951 | 6.9 | 0.8 | 3.4 | 1734 | 6.3 | 0.6 | 1.0 | 1409 | 1.8 | 0.1 | 18.0 | 66 | 25.6 | 0.1 |
| 12/22/09 8:00 | 4.8 | 2363 | 9.0 | 1.2 | 3.8 | 2058 | 7.0 | 0.8 | 2.3 | 1802 | 4.2 | 0.4 | 1.0 | 1417 | 1.8 | 0.1 | 17.0 | 66 | 24.1 | 0.1 |
| 12/22/09 8:30 | 4.4 | 2233 | 8.2 | 1.0 | 3.8 | 1960 | 7.1 | 0.8 | 2.6 | 1730 | 4.8 | 0.5 | 2.9 | 1386 | 5.4 | 0.4 | 17.0 | 65 | 24.1 | 0.1 |
| 12/22/09 9:00 | 4.9 | 2233 | 9.2 | 1.1 | 3.8 | 1948 | 7.1 | 0.8 | 2.3 | 1708 | 4.2 | 0.4 | 1.2 | 1347 | 2.2 | 0.2 | 17.0 | 63 | 24.1 | 0.1 |
| 12/22/09 9:30 | 4.8 | 2195 | 9.0 | 1.1 | 3.9 | 1917 | 7.2 | 0.8 | 2.5 | 1683 | 4.6 | 0.4 | 0.9 | 1332 | 1.6 | 0.1 | 17.0 | 63 | 24.1 | 0.1 |
| 12/22/09 10:00 | 3.7 | 2118 | 6.9 | 0.8 | 3.9 | 1865 | 7.3 | 0.8 | 2.0 | 1652 | 3.7 | 0.3 | 0.9 | 1332 | 1.6 | 0.1 | 17.0 | 63 | 24.1 | 0.1 |
| 12/22/09 10:30 | 3.7 | 2131 | 6.9 | 0.8 | 3.9 | 1861 | 7.3 | 0.8 | 2.5 | 1634 | 4.6 | 0.4 | 1.1 | 1294 | 2.0 | 0.1 | 16.0 | 61 | 22.6 | 0.1 |
| 12/22/09 11:00 | 3.9 | 2118 | 7.3 | 0.9 | 4.0 | 1850 | 7.4 | 0.8 | 2.1 | 1625 | 3.9 | 0.4 | 0.9 | 1287 | 1.6 | 0.1 | 16.0 | 61 | 22.6 | 0.1 |
| 12/22/09 11:30 | 3.9 | 1994 | 7.3 | 0.8 | 4.0 | 1759 | 7.4 | 0.7 | 4.7 | 1561 | 8.8 | 0.8 | 0.8 | 1264 | 1.4 | 0.1 | 19.0 | 60 | 27.1 | 0.1 |
| 12/22/09 12:00 | 3.7 | 1981 | 6.9 | 0.8 | 4.0 | 1743 | 7.5 | 0.7 | 2.1 | 1543 | 3.9 | 0.3 | 0.9 | 1242 | 1.6 | 0.1 | 21.0 | 59 | 30.2 | 0.1 |
| 12/22/09 12:30 | 3.4 | 2055 | 6.3 | 0.7 | 4.1 | 1784 | 7.6 | 0.8 | 1.8 | 1556 | 3.3 | 0.3 | 0.9 | 1213 | 1.6 | 0.1 | 20.0 | 57 | 28.6 | 0.1 |
| 12/22/09 13:00 | 3.7 | 1945 | 6.9 | 0.8 | 4.1 | 1709 | 7.6 | 0.7 | 2.1 | 1511 | 3.9 | 0.3 | 0.9 | 1213 | 1.6 | 0.1 | 33.3 | 57 | 49.3 | 0.2 |
| 12/22/09 13:30 | 3.6 | 1917 | 6.7 | 0.7 | 4.1 | 1684 | 7.7 | 0.7 | 2.0 | 1487 | 3.7 | 0.3 | 1.0 | 1192 | 1.8 | 0.1 | 41.0 | 56 | 61.4 | 0.2 |
| 12/22/09 14:00 | 3.1 | 1945 | 5.7 | 0.6 | 4.2 | 1702 | 7.8 | 0.7 | 2.0 | 1498 | 3.7 | 0.3 | 0.8 | 1192 | 1.4 | 0.1 | 250.0 | 56 | 418.7 | 1.3 |
| 12/22/09 14:30 | 3.9 | 1981 | 7.3 | 0.8 | 4.2 | 1718 | 7.8 | 0.8 | 2.0 | 1496 | 3.7 | 0.3 | 0.8 | 1164 | 1.4 | 0.1 | 200.0 | 55 | 330.4 | 1.0 |
| 12/22/09 15:00 | 3.4 | 1917 | 6.3 | 0.7 | 4.2 | 1668 | 7.9 | 0.7 | 2.3 | 1458 | 4.2 | 0.3 | 0.9 | 1143 | 1.6 | 0.1 | 170.0 | 54 | 278.0 | 0.8 |
| 12/22/09 15:30 | 3.5 | 1863 | 6.5 | 0.7 | 4.3 | 1631 | 8.0 | 0.7 | 5.1 | 1436 | 9.5 | 0.8 | 0.9 | 1143 | 1.6 | 0.1 | 190.0 | 54 | 312.9 | 1.0 |
| 12/22/09 16:00 | 3.0 | 1796 | 5.6 | 0.6 | 4.3 | 1579 | 8.0 | 0.7 | 5.5 | 1396 | 10.3 | 0.8 | 1.0 | 1122 | 1.8 | 0.1 | 180.0 | 53 | 295.4 | 0.9 |
| 12/22/09 16:30 | 3.0 | 1823 | 5.6 | 0.6 | 4.3 | 1593 | 8.1 | 0.7 | 5.2 | 1399 | 9.7 | 0.8 | 0.8 | 1108 | 1.4 | 0.1 | 120.0 | 53 | 192.0 | 0.6 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/22/09 17:00 | 2.9 | 1836 | 5.4 | 0.6 | 4.4 | 1597 | 8.1 | 0.7 | 5.0 | 1396 | 9.3 | 0.7 | 0.8 | 1095 | 1.4 | 0.1 | 57.0 | 52 | 87.1 | 0.3 |
| 12/22/09 17:30 | 4.5 | 1770 | 8.4 | 0.8 | 4.4 | 1550 | 8.2 | 0.7 | 4.1 | 1365 | 7.6 | 0.6 | 0.9 | 1088 | 1.6 | 0.1 | 48.0 | 52 | 72.6 | 0.2 |
| 12/22/09 18:00 | 3.1 | 1823 | 5.7 | 0.6 | 4.4 | 1578 | 8.3 | 0.7 | 3.5 | 1371 | 6.5 | 0.5 | 0.8 | 1061 | 1.4 | 0.1 | 84.0 | 50 | 131.5 | 0.4 |
| 12/22/09 18:30 | 3.3 | 1731 | 6.1 | 0.6 | 4.5 | 1511 | 8.3 | 0.7 | 3.1 | 1326 | 5.7 | 0.4 | 0.9 | 1048 | 1.6 | 0.1 | 76.0 | 50 | 118.2 | 0.3 |
| 12/22/09 19:00 | 3.7 | 1744 | 6.9 | 0.7 | 4.5 | 1514 | 8.4 | 0.7 | 3.1 | 1319 | 5.7 | 0.4 | 0.8 | 1028 | 1.4 | 0.1 | 57.0 | 49 | 87.1 | 0.2 |
| 12/22/09 19:30 | 4.4 | 1667 | 8.2 | 0.8 | 4.5 | 1461 | 8.5 | 0.7 | 3.1 | 1288 | 5.7 | 0.4 | 1.1 | 1028 | 2.0 | 0.1 | 130.0 | 49 | 209.1 | 0.6 |
| 12/22/09 20:00 | 4.7 | 1680 | 8.8 | 0.8 | 4.6 | 1464 | 8.5 | 0.7 | 2.8 | 1282 | 5.2 | 0.4 | 0.7 | 1009 | 1.3 | 0.1 | 22.0 | 48 | 31.7 | 0.1 |
| 12/22/09 20:30 | 5.3 | 1693 | 9.9 | 0.9 | 4.6 | 1466 | 8.6 | 0.7 | 2.6 | 1276 | 4.8 | 0.3 | 1.1 | 990 | 2.0 | 0.1 | 20.0 | 47 | 28.6 | 0.1 |
| 12/22/09 21:00 | 6.0 | 1642 | 11.3 | 1.0 | 4.6 | 1430 | 8.6 | 0.7 | 1.9 | 1251 | 3.5 | 0.2 | 0.7 | 983 | 1.3 | 0.1 | 16.0 | 47 | 22.6 | 0.1 |
| 12/22/09 21:30 | 4.7 | 1604 | 8.8 | 0.8 | 4.7 | 1400 | 8.7 | 0.7 | 1.8 | 1228 | 3.3 | 0.2 | 0.7 | 971 | 1.3 | 0.1 | 13.0 | 46 | 18.1 | 0.0 |
| 12/22/09 22:00 | 4.2 | 1616 | 7.8 | 0.7 | 4.7 | 1406 | 8.8 | 0.7 | 1.5 | 1230 | 2.7 | 0.2 | 0.7 | 964 | 1.3 | 0.1 | 13.0 | 46 | 18.1 | 0.0 |
| 12/22/09 22:30 | 4.4 | 1616 | 8.2 | 0.7 | 4.7 | 1404 | 8.8 | 0.7 | 1.9 | 1226 | 3.5 | 0.2 | 1.1 | 958 | 2.0 | 0.1 | 12.0 | 46 | 16.6 | 0.0 |
| 12/22/09 23:00 | 4.4 | 1579 | 8.2 | 0.7 | 4.8 | 1373 | 8.9 | 0.7 | 4.0 | 1200 | 7.4 | 0.5 | 0.8 | 940 | 1.4 | 0.1 | 12.0 | 45 | 16.6 | 0.0 |
| 12/22/09 23:30 | 4.2 | 1591 | 7.8 | 0.7 | 4.8 | 1378 | 9.0 | 0.7 | 1.8 | 1197 | 3.3 | 0.2 | 0.6 | 927 | 1.1 | 0.1 | 25.0 | 44 | 36.3 | 0.1 |
| 12/23/09 0:00 | 3.5 | 1554 | 6.5 | 0.6 | 4.8 | 1351 | 9.0 | 0.7 | 1.3 | 1179 | 2.4 | 0.2 | 0.7 | 921 | 1.3 | 0.1 | 24.0 | 44 | 34.8 | 0.1 |
| 12/23/09 0:30 | 3.5 | 1518 | 6.5 | 0.6 | 4.9 | 1324 | 9.1 | 0.7 | 4.1 | 1160 | 7.6 | 0.5 | 0.6 | 915 | 1.1 | 0.1 | 20.0 | 44 | 28.6 | 0.1 |
| 12/23/09 1:00 | 3.1 | 1506 | 5.7 | 0.5 | 4.9 | 1310 | 9.2 | 0.7 | 1.3 | 1145 | 2.4 | 0.2 | 0.6 | 897 | 1.1 | 0.1 | 12.0 | 43 | 16.6 | 0.0 |
| 12/23/09 1:30 | 3.1 | 1506 | 5.7 | 0.5 | 4.9 | 1312 | 9.2 | 0.7 | 1.2 | 1148 | 2.2 | 0.1 | 0.7 | 903 | 1.3 | 0.1 | 11.0 | 43 | 15.2 | 0.0 |
| 12/23/09 2:00 | 2.8 | 1482 | 5.2 | 0.4 | 5.0 | 1290 | 9.3 | 0.7 | 1.1 | 1128 | 2.0 | 0.1 | 0.6 | 885 | 1.1 | 0.1 | 9.4 | 43 | 12.8 | 0.0 |
| 12/23/09 2:30 | 3.1 | 1494 | 5.7 | 0.5 | 5.0 | 1296 | 9.3 | 0.7 | 1.3 | 1129 | 2.4 | 0.2 | 0.6 | 879 | 1.1 | 0.1 | 85.0 | 42 | 133.1 | 0.3 |
| 12/23/09 3:00 | 2.9 | 1447 | 5.4 | 0.4 | 5.0 | 1258 | 9.4 | 0.7 | 1.5 | 1100 | 2.7 | 0.2 | 0.6 | 861 | 1.1 | 0.1 | 52.0 | 41 | 79.0 | 0.2 |
| 12/23/09 3:30 | 2.4 | 1435 | 4.4 | 0.4 | 5.1 | 1250 | 9.5 | 0.7 | 1.2 | 1095 | 2.2 | 0.1 | 0.6 | 861 | 1.1 | 0.1 | 33.0 | 41 | 48.7 | 0.1 |
| 12/23/09 4:00 | 3.7 | 1458 | 6.9 | 0.6 | 5.1 | 1262 | 9.5 | 0.7 | 1.1 | 1097 | 2.0 | 0.1 | 0.7 | 850 | 1.3 | 0.1 | 19.0 | 41 | 27.1 | 0.1 |
| 12/23/09 4:30 | 2.7 | 1435 | 5.0 | 0.4 | 5.1 | 1239 | 9.6 | 0.7 | 1.4 | 1074 | 2.6 | 0.2 | 0.7 | 827 | 1.3 | 0.1 | 28.0 | 40 | 40.9 | 0.1 |
| 12/23/09 5:00 | 2.3 | 1389 | 4.2 | 0.3 | 5.2 | 1212 | 9.7 | 0.7 | 1.0 | 1062 | 1.8 | 0.1 | 0.6 | 838 | 1.1 | 0.1 | 68.0 | 40 | 105.0 | 0.2 |
| 12/23/09 5:30 | 2.9 | 1412 | 5.4 | 0.4 | 5.2 | 1222 | 9.7 | 0.7 | 1.3 | 1061 | 2.4 | 0.1 | 0.6 | 821 | 1.1 | 0.0 | 59.0 | 40 | 90.3 | 0.2 |
| 12/23/09 6:00 | 2.5 | 1389 | 4.6 | 0.4 | 5.2 | 1205 | 9.8 | 0.7 | 1.2 | 1049 | 2.2 | 0.1 | 0.6 | 815 | 1.1 | 0.0 | 29.0 | 39 | 42.5 | 0.1 |
| 12/23/09 6:30 | 2.5 | 1378 | 4.6 | 0.4 | 5.3 | 1193 | 9.9 | 0.7 | 2.5 | 1038 | 4.6 | 0.3 | 1.6 | 804 | 2.9 | 0.1 | 16.0 | 39 | 22.6 | 0.0 |
| 12/23/09 7:00 | 2.7 | 1367 | 5.0 | 0.4 | 5.3 | 1186 | 9.9 | 0.7 | 1.0 | 1033 | 1.8 | 0.1 | 0.7 | 804 | 1.3 | 0.1 | 12.0 | 39 | 16.6 | 0.0 |
| 12/23/09 7:30 | 2.4 | 1356 | 4.4 | 0.3 | 5.3 | 1176 | 10.0 | 0.7 | 1.4 | 1025 | 2.6 | 0.1 | 0.7 | 798 | 1.3 | 0.1 | 9.8 | 39 | 13.4 | 0.0 |
| 12/23/09 8:00 | 2.7 | 1345 | 5.0 | 0.4 | 5.4 | 1163 | 10.0 | 0.7 | 1.3 | 1011 | 2.4 | 0.1 | 0.7 | 782 | 1.3 | 0.1 | 55.0 | 38 | 83.9 | 0.2 |
| 12/23/09 8:30 | 2.4 | 1334 | 4.4 | 0.3 | 5.4 | 1154 | 10.1 | 0.7 | 1.0 | 1003 | 1.8 | 0.1 | 0.8 | 776 | 1.4 | 0.1 | 71.0 | 38 | 110.0 | 0.2 |
| 12/23/09 9:00 | 2.2 | 1356 | 4.0 | 0.3 | 5.4 | 1166 | 10.2 | 0.7 | 1.0 | 1006 | 1.8 | 0.1 | 0.6 | 765 | 1.1 | 0.0 | 14.0 | 37 | 19.6 | 0.0 |
| 12/23/09 9:30 | 2.2 | 1301 | 4.0 | 0.3 | 5.5 | 1127 | 10.2 | 0.6 | 1.0 | 980 | 1.8 | 0.1 | 0.6 | 760 | 1.1 | 0.0 | 12.0 | 37 | 16.6 | 0.0 |
| 12/23/09 10:00 | 2.3 | 1312 | 4.2 | 0.3 | 5.5 | 1136 | 10.3 | 0.7 | 1.2 | 988 | 2.2 | 0.1 | 1.3 | 765 | 2.4 | 0.1 | 11.0 | 37 | 15.2 | 0.0 |
| 12/23/09 10:30 | 2.0 | 1290 | 3.7 | 0.3 | 5.5 | 1118 | 10.4 | 0.7 | 0.9 | 972 | 1.6 | 0.1 | 0.6 | 754 | 1.1 | 0.0 | 8.1 | 37 | 11.0 | 0.0 |
| 12/23/09 11:00 | 2.2 | 1258 | 4.0 | 0.3 | 5.6 | 1091 | 10.4 | 0.6 | 1.4 | 950 | 2.6 | 0.1 | 0.6 | 738 | 1.1 | 0.0 | 60.0 | 36 | 92.0 | 0.2 |
| 12/23/09 11:30 | 2.1 | 1258 | 3.9 | 0.3 | 5.6 | 1091 | 10.5 | 0.6 | 1.5 | 950 | 2.7 | 0.1 | 0.5 | 738 | 0.9 | 0.0 | 41.0 | 36 | 61.4 | 0.1 |
| 12/23/09 12:00 | 2.2 | 1248 | 4.0 | 0.3 | 5.6 | 1082 | 10.6 | 0.6 | 2.2 | 942 | 4.0 | 0.2 | 0.5 | 733 | 0.9 | 0.0 | 22.0 | 36 | 31.7 | 0.1 |
| 12/23/09 12:30 | 2.2 | 1258 | 4.0 | 0.3 | 5.7 | 1086 | 10.6 | 0.6 | 1.2 | 940 | 2.2 | 0.1 | 0.6 | 722 | 1.1 | 0.0 | 29.0 | 35 | 42.5 | 0.1 |
| 12/23/09 13:00 | 2.4 | 1237 | 4.4 | 0.3 | 5.7 | 1070 | 10.7 | 0.6 | 1.1 | 929 | 2.0 | 0.1 | 0.6 | 717 | 1.1 | 0.0 | 14.0 | 35 | 19.6 | 0.0 |
| 12/23/09 13:30 | 2.0 | 1227 | 3.7 | 0.3 | 1.0 | 1063 | 1.8 | 0.1 | 0.9 | 924 | 1.6 | 0.1 | 0.5 | 717 | 0.9 | 0.0 | 56.0 | 35 | 85.5 | 0.2 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/23/09 14:00 | 2.0 | 1216 | 3.7 | 0.3 | 0.9 | 1054 | 1.6 | 0.1 | 0.9 | 917 | 1.6 | 0.1 | 0.6 | 712 | 1.1 | 0.0 | 41.0 | 35 | 61.4 | 0.1 |
| 12/23/09 14:30 | 2.2 | 1206 | 4.0 | 0.3 | 1.5 | 1044 | 2.7 | 0.2 | 1.0 | 907 | 1.8 | 0.1 | 0.7 | 702 | 1.3 | 0.0 | 120.0 | 34 | 192.0 | 0.4 |
| 12/23/09 15:00 | 2.2 | 1216 | 4.0 | 0.3 | 0.7 | 1049 | 1.3 | 0.1 | 0.9 | 908 | 1.6 | 0.1 | 0.4 | 696 | 0.7 | 0.0 | 66.0 | 34 | 101.8 | 0.2 |
| 12/23/09 15:30 | 2.1 | 1206 | 3.9 | 0.3 | 0.7 | 1044 | 1.3 | 0.1 | 1.0 | 907 | 1.8 | 0.1 | 0.5 | 702 | 0.9 | 0.0 | 50.0 | 34 | 75.8 | 0.1 |
| 12/23/09 16:00 | 2.1 | 1196 | 3.9 | 0.3 | 1.0 | 1032 | 1.8 | 0.1 | 3.8 | 893 | 7.1 | 0.4 | 0.5 | 686 | 0.9 | 0.0 | 87.0 | 33 | 136.5 | 0.3 |
| 12/23/09 16:30 | 3.2 | 1175 | 5.9 | 0.4 | 0.7 | 1016 | 1.3 | 0.1 | 1.0 | 882 | 1.8 | 0.1 | 0.5 | 681 | 0.9 | 0.0 | 76.0 | 33 | 118.2 | 0.2 |
| 12/23/09 17:00 | 1.9 | 1175 | 3.5 | 0.2 | 0.7 | 1013 | 1.3 | 0.1 | 1.3 | 876 | 2.4 | 0.1 | 0.6 | 671 | 1.1 | 0.0 | 68.0 | 33 | 105.0 | 0.2 |
| 12/23/09 17:30 | 2.3 | 1155 | 4.2 | 0.3 | 1.8 | 999 | 3.3 | 0.2 | 1.9 | 868 | 3.5 | 0.2 | 0.6 | 671 | 1.1 | 0.0 | 53.0 | 33 | 80.6 | 0.1 |
| 12/23/09 18:00 | 3.0 | 1175 | 5.6 | 0.4 | 0.7 | 1011 | 1.3 | 0.1 | 1.8 | 873 | 3.3 | 0.2 | 0.5 | 666 | 0.9 | 0.0 | 47.0 | 33 | 71.0 | 0.1 |
| 12/23/09 18:30 | 1.9 | 1135 | 3.5 | 0.2 | 1.4 | 986 | 2.6 | 0.1 | 1.4 | 860 | 2.6 | 0.1 | 0.6 | 671 | 1.1 | 0.0 | 42.0 | 33 | 63.0 | 0.1 |
| 12/23/09 19:00 | 2.0 | 1155 | 3.7 | 0.2 | 1.4 | 996 | 2.6 | 0.1 | 1.6 | 862 | 2.9 | 0.1 | 0.5 | 661 | 0.9 | 0.0 | 41.0 | 32 | 61.4 | 0.1 |
| 12/23/09 19:30 | 1.9 | 1135 | 3.5 | 0.2 | 1.3 | 979 | 2.4 | 0.1 | 1.6 | 848 | 2.9 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 23.0 | 32 | 33.2 | 0.1 |
| 12/23/09 20:00 | 2.8 | 1125 | 5.2 | 0.3 | 1.2 | 972 | 2.2 | 0.1 | 1.7 | 844 | 3.1 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 110.0 | 32 | 175.1 | 0.3 |
| 12/23/09 20:30 | 1.9 | 1115 | 3.5 | 0.2 | 1.4 | 963 | 2.6 | 0.1 | 2.5 | 834 | 4.6 | 0.2 | 0.6 | 641 | 1.1 | 0.0 | 62.0 | 31 | 95.2 | 0.2 |
| 12/23/09 21:00 | 1.9 | 1106 | 3.5 | 0.2 | 1.5 | 958 | 2.7 | 0.1 | 1.5 | 833 | 2.7 | 0.1 | 0.5 | 646 | 0.9 | 0.0 | 44.0 | 32 | 66.2 | 0.1 |
| 12/23/09 21:30 | 2.3 | 1096 | 4.2 | 0.3 | 1.4 | 948 | 2.6 | 0.1 | 2.0 | 823 | 3.7 | 0.2 | 0.5 | 636 | 0.9 | 0.0 | 37.0 | 31 | 55.0 | 0.1 |
| 12/23/09 22:00 | 1.7 | 1106 | 3.1 | 0.2 | 1.1 | 953 | 2.0 | 0.1 | 1.2 | 824 | 2.2 | 0.1 | 0.5 | 631 | 0.9 | 0.0 | 34.0 | 31 | 50.3 | 0.1 |
| 12/23/09 22:30 | 2.1 | 1096 | 3.9 | 0.2 | 1.3 | 946 | 2.4 | 0.1 | 1.4 | 820 | 2.6 | 0.1 | 0.5 | 631 | 0.9 | 0.0 | 44.0 | 31 | 66.2 | 0.1 |
| 12/23/09 23:00 | 1.8 | 1096 | 3.3 | 0.2 | 1.2 | 943 | 2.2 | 0.1 | 1.7 | 815 | 3.1 | 0.1 | 0.6 | 622 | 1.1 | 0.0 | 46.0 | 31 | 69.4 | 0.1 |
| 12/23/09 23:30 | 1.9 | 1067 | 3.5 | 0.2 | 1.4 | 924 | 2.6 | 0.1 | 1.5 | 803 | 2.6 | 0.1 | 0.6 | 622 | 1.1 | 0.0 | 38.0 | 31 | 56.6 | 0.1 |
| 12/24/09 0:00 | 1.9 | 1067 | 3.5 | 0.2 | 1.1 | 920 | 2.0 | 0.1 | 1.2 | 797 | 2.2 | 0.1 | 0.4 | 612 | 0.7 | 0.0 | 51.0 | 30 | 77.4 | 0.1 |
| 12/24/09 0:30 | 2.3 | 1058 | 4.2 | 0.3 | 1.5 | 914 | 2.7 | 0.1 | 1.0 | 793 | 1.8 | 0.1 | 0.7 | 612 | 1.3 | 0.0 | 49.0 | 30 | 74.2 | 0.1 |
| 12/24/09 1:00 | 2.5 | 1058 | 4.6 | 0.3 | 0.9 | 913 | 1.6 | 0.1 | 1.5 | 790 | 2.7 | 0.1 | 0.5 | 607 | 0.9 | 0.0 | 23.0 | 30 | 33.2 | 0.1 |
| 12/24/09 1:30 | 2.2 | 1058 | 4.0 | 0.2 | 1.1 | 913 | 2.0 | 0.1 | 1.6 | 790 | 2.9 | 0.1 | 0.4 | 607 | 0.7 | 0.0 | 19.0 | 30 | 27.1 | 0.0 |
| 12/24/09 2:00 | 2.0 | 1039 | 3.7 | 0.2 | 1.0 | 898 | 1.8 | 0.1 | 1.4 | 780 | 2.6 | 0.1 | 0.6 | 602 | 1.1 | 0.0 | 21.0 | 30 | 30.2 | 0.1 |
| 12/24/09 2:30 | 2.0 | 1039 | 3.7 | 0.2 | 1.2 | 897 | 2.2 | 0.1 | 1.2 | 777 | 2.2 | 0.1 | 0.6 | 598 | 1.1 | 0.0 | 16.0 | 29 | 22.6 | 0.0 |
| 12/24/09 3:00 | 2.0 | 1039 | 3.7 | 0.2 | 1.0 | 895 | 1.8 | 0.1 | 1.2 | 774 | 2.2 | 0.1 | 0.4 | 593 | 0.7 | 0.0 | 20.0 | 29 | 28.6 | 0.0 |
| 12/24/09 3:30 | 1.9 | 1048 | 3.5 | 0.2 | 1.4 | 900 | 2.6 | 0.1 | 0.9 | 775 | 1.6 | 0.1 | 0.5 | 588 | 0.9 | 0.0 | 20.0 | 29 | 28.6 | 0.0 |
| 12/24/09 4:00 | 2.0 | 1039 | 3.7 | 0.2 | 0.6 | 894 | 1.1 | 0.1 | 0.9 | 772 | 1.6 | 0.1 | 0.5 | 588 | 0.9 | 0.0 | 14.0 | 29 | 19.6 | 0.0 |
| 12/24/09 4:30 | 2.2 | 1020 | 4.0 | 0.2 | 1.0 | 880 | 1.8 | 0.1 | 1.4 | 761 | 2.6 | 0.1 | 0.6 | 584 | 1.1 | 0.0 | 12.0 | 29 | 16.6 | 0.0 |
| 12/24/09 5:00 | 2.0 | 1012 | 3.7 | 0.2 | 0.6 | 872 | 1.1 | 0.1 | 0.9 | 755 | 1.6 | 0.1 | 0.4 | 579 | 0.7 | 0.0 | 21.0 | 29 | 30.2 | 0.0 |
| 12/24/09 5:30 | 2.0 | 1012 | 3.7 | 0.2 | 0.8 | 871 | 1.4 | 0.1 | 1.0 | 752 | 1.8 | 0.1 | 0.5 | 575 | 0.9 | 0.0 | 13.0 | 28 | 18.1 | 0.0 |
| 12/24/09 6:00 | 1.9 | 1003 | 3.5 | 0.2 | 0.8 | 864 | 1.4 | 0.1 | 1.8 | 746 | 3.3 | 0.1 | 0.5 | 570 | 0.9 | 0.0 | 170.0 | 28 | 278.0 | 0.4 |
| 12/24/09 6:30 | 2.1 | 1012 | 3.9 | 0.2 | 0.8 | 869 | 1.4 | 0.1 | 7.0 | 750 | 13.2 | 0.6 | 0.5 | 570 | 0.9 | 0.0 | 59.0 | 28 | 90.3 | 0.1 |
| 12/24/09 7:00 | 1.9 | 995 | 3.5 | 0.2 | 0.7 | 856 | 1.3 | 0.1 | 0.9 | 740 | 1.6 | 0.1 | 0.5 | 565 | 0.9 | 0.0 | 44.0 | 28 | 66.2 | 0.1 |
| 12/24/09 7:30 | 1.8 | 995 | 3.3 | 0.2 | 0.6 | 856 | 1.1 | 0.1 | 1.8 | 740 | 3.3 | 0.1 | 0.5 | 565 | 0.9 | 0.0 | 9.6 | 28 | 13.1 | 0.0 |
| 12/24/09 8:00 | 1.9 | 986 | 3.5 | 0.2 | 0.9 | 848 | 1.6 | 0.1 | 0.9 | 731 | 1.6 | 0.1 | 0.5 | 556 | 0.9 | 0.0 | 10.0 | 27 | 13.7 | 0.0 |
| 12/24/09 8:30 | 1.5 | 978 | 2.7 | 0.2 | 0.7 | 844 | 1.3 | 0.1 | 1.0 | 731 | 1.8 | 0.1 | 0.5 | 561 | 0.9 | 0.0 | 21.0 | 28 | 30.2 | 0.0 |
| 12/24/09 9:00 | 1.8 | 986 | 3.3 | 0.2 | 0.7 | 848 | 1.3 | 0.1 | 0.9 | 731 | 1.6 | 0.1 | 0.4 | 556 | 0.7 | 0.0 | 62.0 | 27 | 95.2 | 0.1 |
| 12/24/09 9:30 | 2.2 | 978 | 4.0 | 0.2 | 0.8 | 841 | 1.4 | 0.1 | 0.9 | 725 | 1.6 | 0.1 | 0.5 | 552 | 0.9 | 0.0 | 45.0 | 27 | 67.8 | 0.1 |
| 12/24/09 10:00 | 2.0 | 978 | 3.7 | 0.2 | 0.5 | 841 | 0.9 | 0.0 | 0.8 | 725 | 1.4 | 0.1 | 0.5 | 552 | 0.9 | 0.0 | 160.0 | 27 | 260.7 | 0.4 |
| 12/24/09 10:30 | 2.2 | 978 | 4.0 | 0.2 | 0.7 | 838 | 1.3 | 0.1 | 1.0 | 720 | 1.8 | 0.1 | 0.5 | 543 | 0.9 | 0.0 | 53.0 | 27 | 80.6 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/24/09 11:00 | 2.3 | 962 | 4.2 | 0.2 | 1.0 | 825 | 1.8 | 0.1 | 1.0 | 711 | 1.8 | 0.1 | 0.5 | 539 | 0.9 | 0.0 | 27.0 | 27 | 39.4 | 0.1 |
| 12/24/09 11:30 | 2.1 | 962 | 3.9 | 0.2 | 0.7 | 825 | 1.3 | 0.1 | 2.6 | 711 | 4.8 | 0.2 | 0.4 | 539 | 0.7 | 0.0 | 24.0 | 27 | 34.8 | 0.1 |
| 12/24/09 12:00 | 1.9 | 953 | 3.5 | 0.2 | 0.8 | 820 | 1.4 | 0.1 | 2.3 | 707 | 4.2 | 0.2 | 0.4 | 539 | 0.7 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 12/24/09 12:30 | 1.8 | 953 | 3.3 | 0.2 | 0.7 | 817 | 1.3 | 0.1 | 3.0 | 702 | 5.6 | 0.2 | 0.5 | 530 | 0.9 | 0.0 | 18.0 | 26 | 25.6 | 0.0 |
| 12/24/09 13:00 | 2.2 | 929 | 4.0 | 0.2 | 1.5 | 802 | 2.7 | 0.1 | 3.1 | 695 | 5.7 | 0.2 | 0.4 | 534 | 0.7 | 0.0 | 26.0 | 26 | 37.8 | 0.1 |
| 12/24/09 13:30 | 1.8 | 945 | 3.3 | 0.2 | 1.6 | 811 | 2.9 | 0.1 | 2.1 | 699 | 3.9 | 0.2 | 0.5 | 530 | 0.9 | 0.0 | 28.0 | 26 | 40.9 | 0.1 |
| 12/24/09 14:00 | 3.8 | 937 | 7.1 | 0.4 | 2.5 | 805 | 4.6 | 0.2 | 1.4 | 693 | 2.6 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 27.0 | 26 | 39.4 | 0.1 |
| 12/24/09 14:30 | 1.8 | 937 | 3.3 | 0.2 | 2.2 | 806 | 4.0 | 0.2 | 1.1 | 695 | 2.0 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 22.0 | 26 | 31.7 | 0.0 |
| 12/24/09 15:00 | 2.0 | 929 | 3.7 | 0.2 | 1.8 | 801 | 3.3 | 0.1 | 1.2 | 692 | 2.2 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 41.0 | 26 | 61.4 | 0.1 |
| 12/24/09 15:30 | 1.8 | 913 | 3.3 | 0.2 | 1.0 | 788 | 1.8 | 0.1 | 1.4 | 683 | 2.6 | 0.1 | 0.4 | 525 | 0.7 | 0.0 | 64.0 | 26 | 98.5 | 0.1 |
| 12/24/09 16:00 | 1.8 | 929 | 3.3 | 0.2 | 1.2 | 798 | 2.2 | 0.1 | 1.3 | 687 | 2.4 | 0.1 | 0.6 | 521 | 1.1 | 0.0 | 140.0 | 26 | 226.2 | 0.3 |
| 12/24/09 16:30 | 2.2 | 929 | 4.0 | 0.2 | 1.0 | 801 | 1.8 | 0.1 | 1.3 | 692 | 2.4 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 58.0 | 26 | 88.7 | 0.1 |
| 12/24/09 17:00 | 2.0 | 921 | 3.7 | 0.2 | 0.8 | 795 | 1.4 | 0.1 | 1.4 | 689 | 2.6 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 83.0 | 26 | 129.8 | 0.2 |
| 12/24/09 17:30 | 2.9 | 921 | 5.4 | 0.3 | 0.9 | 794 | 1.6 | 0.1 | 1.5 | 686 | 2.7 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 64.0 | 26 | 98.5 | 0.1 |
| 12/24/09 18:00 | 3.0 | 905 | 5.6 | 0.3 | 1.0 | 782 | 1.8 | 0.1 | 1.9 | 677 | 3.5 | 0.1 | 0.5 | 521 | 0.9 | 0.0 | 48.0 | 26 | 72.6 | 0.1 |
| 12/24/09 18:30 | 3.1 | 921 | 5.7 | 0.3 | 1.3 | 795 | 2.4 | 0.1 | 3.0 | 689 | 5.6 | 0.2 | 0.4 | 530 | 0.7 | 0.0 | 33.0 | 26 | 48.7 | 0.1 |
| 12/24/09 19:00 | 3.0 | 921 | 5.6 | 0.3 | 1.5 | 794 | 2.7 | 0.1 | 3.3 | 686 | 6.1 | 0.2 | 0.4 | 525 | 0.7 | 0.0 | 28.0 | 26 | 40.9 | 0.1 |
| 12/24/09 19:30 | 3.0 | 897 | 5.6 | 0.3 | 1.9 | 776 | 3.5 | 0.2 | 2.5 | 674 | 4.6 | 0.2 | 0.4 | 521 | 0.7 | 0.0 | 34.0 | 26 | 50.3 | 0.1 |
| 12/24/09 20:00 | 2.3 | 905 | 4.2 | 0.2 | 2.1 | 782 | 3.9 | 0.2 | 2.0 | 677 | 3.7 | 0.1 | 0.4 | 521 | 0.7 | 0.0 | 19.0 | 26 | 27.1 | 0.0 |
| 12/24/09 20:30 | 2.0 | 905 | 3.7 | 0.2 | 2.1 | 783 | 3.9 | 0.2 | 1.8 | 680 | 3.3 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 19.0 | 26 | 27.1 | 0.0 |
| 12/24/09 21:00 | 1.8 | 897 | 3.3 | 0.2 | 2.1 | 776 | 3.9 | 0.2 | 1.5 | 674 | 2.7 | 0.1 | 0.4 | 521 | 0.7 | 0.0 | 17.0 | 26 | 24.1 | 0.0 |
| 12/24/09 21:30 | 2.7 | 890 | 5.0 | 0.2 | 1.4 | 769 | 2.6 | 0.1 | 1.4 | 668 | 2.6 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 17.0 | 26 | 24.1 | 0.0 |
| 12/24/09 22:00 | 2.3 | 897 | 4.2 | 0.2 | 1.0 | 773 | 1.8 | 0.1 | 1.6 | 669 | 2.9 | 0.1 | 0.4 | 512 | 0.7 | 0.0 | 17.0 | 25 | 24.1 | 0.0 |
| 12/24/09 22:30 | 2.3 | 897 | 4.2 | 0.2 | 1.2 | 772 | 2.2 | 0.1 | 1.2 | 666 | 2.2 | 0.1 | 0.5 | 508 | 0.9 | 0.0 | 13.0 | 25 | 18.1 | 0.0 |
| 12/24/09 23:00 | 2.8 | 890 | 5.2 | 0.3 | 0.9 | 767 | 1.6 | 0.1 | 1.1 | 663 | 2.0 | 0.1 | 0.4 | 508 | 0.7 | 0.0 | 13.0 | 25 | 18.1 | 0.0 |
| 12/24/09 23:30 | 2.4 | 890 | 4.4 | 0.2 | 0.9 | 768 | 1.6 | 0.1 | 1.5 | 666 | 2.7 | 0.1 | 0.4 | 512 | 0.7 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 12/25/09 0:00 | 2.8 | 905 | 5.2 | 0.3 | 1.2 | 779 | 2.2 | 0.1 | 1.1 | 672 | 2.0 | 0.1 | 0.5 | 512 | 0.9 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 12/25/09 0:30 | 3.3 | 890 | 6.1 | 0.3 | 0.8 | 767 | 1.4 | 0.1 | 0.9 | 663 | 1.6 | 0.1 | 0.5 | 508 | 0.9 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 12/25/09 1:00 | 3.5 | 874 | 6.5 | 0.3 | 0.9 | 758 | 1.6 | 0.1 | 0.9 | 659 | 1.6 | 0.1 | 0.4 | 512 | 0.7 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 12/25/09 1:30 | 3.4 | 882 | 6.3 | 0.3 | 0.7 | 760 | 1.3 | 0.1 | 0.8 | 658 | 1.4 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 12/25/09 2:00 | 3.1 | 890 | 5.7 | 0.3 | 0.7 | 765 | 1.3 | 0.1 | 0.9 | 661 | 1.6 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 32.0 | 25 | 47.2 | 0.1 |
| 12/25/09 2:30 | 2.7 | 890 | 5.0 | 0.2 | 0.9 | 767 | 1.6 | 0.1 | 0.7 | 663 | 1.3 | 0.0 | 0.4 | 508 | 0.7 | 0.0 | 25.0 | 25 | 36.3 | 0.1 |
| 12/25/09 3:00 | 2.6 | 882 | 4.8 | 0.2 | 0.4 | 759 | 0.7 | 0.0 | 0.8 | 655 | 1.4 | 0.1 | 0.4 | 500 | 0.7 | 0.0 | 18.0 | 25 | 25.6 | 0.0 |
| 12/25/09 3:30 | 2.6 | 874 | 4.8 | 0.2 | 0.6 | 753 | 1.1 | 0.0 | 1.0 | 652 | 1.8 | 0.1 | 0.4 | 500 | 0.7 | 0.0 | 15.0 | 25 | 21.1 | 0.0 |
| 12/25/09 4:00 | 2.9 | 882 | 5.4 | 0.3 | 0.8 | 757 | 1.4 | 0.1 | 1.2 | 653 | 2.2 | 0.1 | 0.4 | 495 | 0.7 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 12/25/09 4:30 | 3.5 | 866 | 6.5 | 0.3 | 0.4 | 748 | 0.7 | 0.0 | 0.9 | 649 | 1.6 | 0.1 | 0.5 | 500 | 0.9 | 0.0 | 8.8 | 25 | 12.0 | 0.0 |
| 12/25/09 5:00 | 3.4 | 866 | 6.3 | 0.3 | 0.7 | 747 | 1.3 | 0.1 | 0.8 | 646 | 1.4 | 0.1 | 0.4 | 495 | 0.7 | 0.0 | 6.8 | 25 | 9.1 | 0.0 |
| 12/25/09 5:30 | 2.4 | 874 | 4.4 | 0.2 | 0.7 | 752 | 1.3 | 0.1 | 0.7 | 649 | 1.3 | 0.0 | 0.5 | 495 | 0.9 | 0.0 | 6.5 | 25 | 8.7 | 0.0 |
| 12/25/09 6:00 | 2.8 | 866 | 5.2 | 0.3 | 0.6 | 745 | 1.1 | 0.0 | 0.7 | 644 | 1.3 | 0.0 | 0.4 | 491 | 0.7 | 0.0 | 6.6 | 24 | 8.8 | 0.0 |
| 12/25/09 6:30 | 2.4 | 859 | 4.4 | 0.2 | 0.4 | 739 | 0.7 | 0.0 | 0.7 | 638 | 1.3 | 0.0 | 0.4 | 487 | 0.7 | 0.0 | 7.1 | 24 | 9.5 | 0.0 |
| 12/25/09 7:00 | 2.7 | 859 | 5.0 | 0.2 | 1.7 | 739 | 3.1 | 0.1 | 1.3 | 638 | 2.4 | 0.1 | 0.4 | 487 | 0.7 | 0.0 | 7.4 | 24 | 10.0 | 0.0 |
| 12/25/09 7:30 | 2.5 | 843 | 4.6 | 0.2 | 0.6 | 729 | 1.1 | 0.0 | 0.7 | 632 | 1.3 | 0.0 | 0.4 | 487 | 0.7 | 0.0 | 8.7 | 24 | 11.8 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/25/09 8:00 | 2.6 | 851 | 4.8 | 0.2 | 0.3 | 731 | 0.5 | 0.0 | 0.7 | 630 | 1.3 | 0.0 | 0.4 | 479 | 0.7 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 12/25/09 8:30 | 2.1 | 843 | 3.9 | 0.2 | 0.6 | 727 | 1.1 | 0.0 | 0.6 | 630 | 1.1 | 0.0 | 0.6 | 483 | 1.1 | 0.0 | 20.0 | 24 | 28.6 | 0.0 |
| 12/25/09 9:00 | 2.6 | 859 | 4.8 | 0.2 | 0.6 | 738 | 1.1 | 0.0 | 0.7 | 636 | 1.3 | 0.0 | 0.4 | 483 | 0.7 | 0.0 | 28.0 | 24 | 40.9 | 0.1 |
| 12/25/09 9:30 | 2.5 | 843 | 4.6 | 0.2 | 0.6 | 726 | 1.1 | 0.0 | 0.7 | 627 | 1.3 | 0.0 | 0.5 | 479 | 0.9 | 0.0 | 52.0 | 24 | 79.0 | 0.1 |
| 12/25/09 10:00 | 2.6 | 836 | 4.8 | 0.2 | 0.5 | 720 | 0.9 | 0.0 | 0.7 | 622 | 1.3 | 0.0 | 0.4 | 475 | 0.7 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 12/25/09 10:30 | 2.3 | 836 | 4.2 | 0.2 | 0.3 | 721 | 0.5 | 0.0 | 0.5 | 624 | 0.9 | 0.0 | 0.7 | 479 | 1.3 | 0.0 | 25.0 | 24 | 36.3 | 0.0 |
| 12/25/09 11:00 | 2.6 | 843 | 4.8 | 0.2 | 0.5 | 725 | 0.9 | 0.0 | 0.7 | 625 | 1.3 | 0.0 | 0.6 | 475 | 1.1 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 12/25/09 11:30 | 2.3 | 836 | 4.2 | 0.2 | 0.6 | 720 | 1.1 | 0.0 | 0.6 | 622 | 1.1 | 0.0 | 0.4 | 475 | 0.7 | 0.0 | 35.0 | 24 | 51.9 | 0.1 |
| 12/25/09 12:00 | 2.5 | 828 | 4.6 | 0.2 | 0.4 | 714 | 0.7 | 0.0 | 0.7 | 619 | 1.3 | 0.0 | 0.4 | 475 | 0.7 | 0.0 | 18.0 | 24 | 25.6 | 0.0 |
| 12/25/09 12:30 | 2.7 | 821 | 5.0 | 0.2 | 0.8 | 707 | 1.4 | 0.1 | 0.6 | 611 | 1.1 | 0.0 | 0.4 | 467 | 0.7 | 0.0 | 9.2 | 23 | 12.6 | 0.0 |
| 12/25/09 13:00 | 2.1 | 828 | 3.9 | 0.2 | 0.5 | 712 | 0.9 | 0.0 | 0.5 | 614 | 0.9 | 0.0 | 0.4 | 467 | 0.7 | 0.0 | 8.4 | 23 | 11.4 | 0.0 |
| 12/25/09 13:30 | 2.9 | 821 | 5.4 | 0.2 | 0.5 | 707 | 0.9 | 0.0 | 0.7 | 611 | 1.3 | 0.0 | 0.5 | 467 | 0.9 | 0.0 | 6.1 | 23 | 8.1 | 0.0 |
| 12/25/09 14:00 | 2.1 | 813 | 3.9 | 0.2 | 0.4 | 700 | 0.7 | 0.0 | 0.6 | 605 | 1.1 | 0.0 | 0.4 | 462 | 0.7 | 0.0 | 9.8 | 23 | 13.4 | 0.0 |
| 12/25/09 14:30 | 2.2 | 806 | 4.0 | 0.2 | 0.2 | 694 | 0.4 | 0.0 | 0.7 | 600 | 1.3 | 0.0 | 0.6 | 458 | 1.1 | 0.0 | 6.0 | 23 | 8.0 | 0.0 |
| 12/25/09 15:00 | 2.2 | 821 | 4.0 | 0.2 | 0.5 | 705 | 0.9 | 0.0 | 0.6 | 608 | 1.1 | 0.0 | 0.5 | 462 | 0.9 | 0.0 | 6.2 | 23 | 8.3 | 0.0 |
| 12/25/09 15:30 | 2.3 | 813 | 4.2 | 0.2 | 0.4 | 699 | 0.7 | 0.0 | 0.5 | 603 | 0.9 | 0.0 | 0.4 | 458 | 0.7 | 0.0 | 5.1 | 23 | 6.7 | 0.0 |
| 12/25/09 16:00 | 1.9 | 806 | 3.5 | 0.2 | 0.4 | 695 | 0.7 | 0.0 | 0.7 | 602 | 1.3 | 0.0 | 0.4 | 462 | 0.7 | 0.0 | 13.0 | 23 | 18.1 | 0.0 |
| 12/25/09 16:30 | 2.3 | 799 | 4.2 | 0.2 | 0.3 | 688 | 0.5 | 0.0 | 0.5 | 594 | 0.9 | 0.0 | 0.4 | 454 | 0.7 | 0.0 | 6.1 | 23 | 8.1 | 0.0 |
| 12/25/09 17:00 | 1.9 | 806 | 3.5 | 0.2 | 0.3 | 693 | 0.5 | 0.0 | 0.5 | 597 | 0.9 | 0.0 | 0.4 | 454 | 0.7 | 0.0 | 5.1 | 23 | 6.7 | 0.0 |
| 12/25/09 17:30 | 1.9 | 806 | 3.5 | 0.2 | 0.3 | 694 | 0.5 | 0.0 | 0.6 | 600 | 1.1 | 0.0 | 0.4 | 458 | 0.7 | 0.0 | 11.0 | 23 | 15.2 | 0.0 |
| 12/25/09 18:00 | 2.0 | 806 | 3.7 | 0.2 | 0.4 | 693 | 0.7 | 0.0 | 0.6 | 597 | 1.1 | 0.0 | 0.4 | 454 | 0.7 | 0.0 | 5.4 | 23 | 7.1 | 0.0 |
| 12/25/09 18:30 | 2.1 | 806 | 3.9 | 0.2 | 0.4 | 692 | 0.7 | 0.0 | 0.8 | 595 | 1.4 | 0.0 | 0.4 | 450 | 0.7 | 0.0 | 7.5 | 23 | 10.1 | 0.0 |
| 12/25/09 19:00 | 1.9 | 799 | 3.5 | 0.2 | 0.3 | 687 | 0.5 | 0.0 | 0.7 | 592 | 1.3 | 0.0 | 0.5 | 450 | 0.9 | 0.0 | 4.7 | 23 | 6.2 | 0.0 |
| 12/25/09 19:30 | 1.9 | 791 | 3.5 | 0.2 | 0.3 | 680 | 0.5 | 0.0 | 0.9 | 587 | 1.6 | 0.1 | 0.4 | 447 | 0.7 | 0.0 | 4.7 | 22 | 6.2 | 0.0 |
| 12/25/09 20:00 | 2.1 | 791 | 3.9 | 0.2 | 0.6 | 679 | 1.1 | 0.0 | 0.6 | 584 | 1.1 | 0.0 | 0.5 | 443 | 0.9 | 0.0 | 6.0 | 22 | 8.0 | 0.0 |
| 12/25/09 20:30 | 2.0 | 791 | 3.7 | 0.2 | 0.4 | 680 | 0.7 | 0.0 | 0.6 | 587 | 1.1 | 0.0 | 0.5 | 447 | 0.9 | 0.0 | 4.5 | 22 | 5.9 | 0.0 |
| 12/25/09 21:00 | 2.0 | 791 | 3.7 | 0.2 | 0.3 | 679 | 0.5 | 0.0 | 1.4 | 584 | 2.6 | 0.1 | 0.4 | 443 | 0.7 | 0.0 | 5.3 | 22 | 7.0 | 0.0 |
| 12/25/09 21:30 | 2.1 | 784 | 3.9 | 0.2 | 0.6 | 674 | 1.1 | 0.0 | 0.6 | 581 | 1.1 | 0.0 | 0.4 | 443 | 0.7 | 0.0 | 4.6 | 22 | 6.0 | 0.0 |
| 12/25/09 22:00 | 2.3 | 784 | 4.2 | 0.2 | 0.3 | 673 | 0.5 | 0.0 | 1.6 | 579 | 2.9 | 0.1 | 0.4 | 439 | 0.7 | 0.0 | 11.0 | 22 | 15.2 | 0.0 |
| 12/25/09 22:30 | 2.3 | 784 | 4.2 | 0.2 | 0.4 | 674 | 0.7 | 0.0 | 0.7 | 581 | 1.3 | 0.0 | 0.5 | 443 | 0.9 | 0.0 | 4.6 | 22 | 6.0 | 0.0 |
| 12/25/09 23:00 | 2.2 | 777 | 4.0 | 0.2 | 0.3 | 667 | 0.5 | 0.0 | 0.5 | 574 | 0.9 | 0.0 | 0.5 | 435 | 0.9 | 0.0 | 5.3 | 22 | 7.0 | 0.0 |
| 12/25/09 23:30 | 2.5 | 770 | 4.6 | 0.2 | 0.3 | 661 | 0.5 | 0.0 | 0.7 | 569 | 1.3 | 0.0 | 0.5 | 431 | 0.9 | 0.0 | 4.6 | 22 | 6.0 | 0.0 |
| 12/26/09 0:00 | 2.6 | 777 | 4.8 | 0.2 | 0.6 | 667 | 1.1 | 0.0 | 0.6 | 574 | 1.1 | 0.0 | 0.6 | 435 | 1.1 | 0.0 | 4.6 | 22 | 6.0 | 0.0 |
| 12/26/09 0:30 | 2.0 | 770 | 3.7 | 0.2 | 0.4 | 662 | 0.7 | 0.0 | 0.6 | 571 | 1.1 | 0.0 | 0.4 | 435 | 0.7 | 0.0 | 5.1 | 22 | 6.7 | 0.0 |
| 12/26/09 1:00 | 2.4 | 762 | 4.4 | 0.2 | 0.3 | 656 | 0.5 | 0.0 | 0.7 | 566 | 1.3 | 0.0 | 0.4 | 431 | 0.7 | 0.0 | 5.1 | 22 | 6.7 | 0.0 |
| 12/26/09 1:30 | 2.2 | 762 | 4.0 | 0.2 | 0.6 | 657 | 1.1 | 0.0 | 0.6 | 568 | 1.1 | 0.0 | 0.4 | 435 | 0.7 | 0.0 | 5.2 | 22 | 6.8 | 0.0 |
| 12/26/09 2:00 | 1.9 | 762 | 3.5 | 0.1 | 0.4 | 654 | 0.7 | 0.0 | 0.8 | 563 | 1.4 | 0.0 | 0.4 | 427 | 0.7 | 0.0 | 5.1 | 21 | 6.7 | 0.0 |
| 12/26/09 2:30 | 2.3 | 755 | 4.2 | 0.2 | 0.3 | 650 | 0.5 | 0.0 | 0.5 | 561 | 0.9 | 0.0 | 0.4 | 427 | 0.7 | 0.0 | 5.6 | 21 | 7.4 | 0.0 |
| 12/26/09 3:00 | 2.4 | 762 | 4.4 | 0.2 | 0.3 | 654 | 0.5 | 0.0 | 0.6 | 563 | 1.1 | 0.0 | 0.4 | 427 | 0.7 | 0.0 | 9.2 | 21 | 12.6 | 0.0 |
| 12/26/09 3:30 | 2.2 | 770 | 4.0 | 0.2 | 0.5 | 658 | 0.9 | 0.0 | 0.8 | 564 | 1.4 | 0.0 | 0.4 | 423 | 0.7 | 0.0 | 7.6 | 21 | 10.2 | 0.0 |
| 12/26/09 4:00 | 2.3 | 755 | 4.2 | 0.2 | 0.3 | 648 | 0.5 | 0.0 | 0.6 | 558 | 1.1 | 0.0 | 0.4 | 423 | 0.7 | 0.0 | 6.6 | 21 | 8.8 | 0.0 |
| 12/26/09 4:30 | 1.9 | 748 | 3.5 | 0.1 | 0.5 | 642 | 0.9 | 0.0 | 0.6 | 553 | 1.1 | 0.0 | 0.4 | 419 | 0.7 | 0.0 | 8.5 | 21 | 11.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/26/09 5:00 | 2.2 | 741 | 4.0 | 0.2 | 0.2 | 639 | 0.4 | 0.0 | 0.6 | 553 | 1.1 | 0.0 | 0.4 | 423 | 0.7 | 0.0 | 8.1 | 21 | 11.0 | 0.0 |
| 12/26/09 5:30 | 2.6 | 755 | 4.8 | 0.2 | 0.3 | 646 | 0.5 | 0.0 | 0.6 | 554 | 1.1 | 0.0 | 0.4 | 416 | 0.7 | 0.0 | 8.3 | 21 | 11.3 | 0.0 |
| 12/26/09 6:00 | 2.6 | 748 | 4.8 | 0.2 | 0.5 | 642 | 0.9 | 0.0 | 0.7 | 553 | 1.3 | 0.0 | 0.5 | 419 | 0.9 | 0.0 | 5.3 | 21 | 7.0 | 0.0 |
| 12/26/09 6:30 | 2.7 | 734 | 5.0 | 0.2 | 0.4 | 630 | 0.7 | 0.0 | 0.7 | 543 | 1.3 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 16.0 | 21 | 22.6 | 0.0 |
| 12/26/09 7:00 | 1.8 | 748 | 3.3 | 0.1 | 0.3 | 640 | 0.5 | 0.0 | 0.7 | 549 | 1.3 | 0.0 | 0.7 | 412 | 1.3 | 0.0 | 6.5 | 21 | 8.7 | 0.0 |
| 12/26/09 7:30 | 2.5 | 741 | 4.6 | 0.2 | 0.3 | 634 | 0.5 | 0.0 | 0.7 | 544 | 1.3 | 0.0 | 0.4 | 408 | 0.7 | 0.0 | 7.6 | 21 | 10.2 | 0.0 |
| 12/26/09 8:00 | 2.5 | 741 | 4.6 | 0.2 | 0.6 | 634 | 1.1 | 0.0 | 0.8 | 544 | 1.4 | 0.0 | 0.4 | 408 | 0.7 | 0.0 | 6.6 | 21 | 8.8 | 0.0 |
| 12/26/09 8:30 | 2.7 | 727 | 5.0 | 0.2 | 0.4 | 625 | 0.7 | 0.0 | 0.7 | 538 | 1.3 | 0.0 | 0.4 | 408 | 0.7 | 0.0 | 6.9 | 21 | 9.2 | 0.0 |
| 12/26/09 9:00 | 2.6 | 720 | 4.8 | 0.2 | 0.4 | 619 | 0.7 | 0.0 | 0.6 | 533 | 1.1 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 7.1 | 20 | 9.5 | 0.0 |
| 12/26/09 9:30 | 2.2 | 727 | 4.0 | 0.2 | 0.5 | 622 | 0.9 | 0.0 | 0.7 | 534 | 1.3 | 0.0 | 0.4 | 401 | 0.7 | 0.0 | 5.2 | 20 | 6.8 | 0.0 |
| 12/26/09 10:00 | 2.8 | 734 | 5.2 | 0.2 | 0.4 | 628 | 0.7 | 0.0 | 0.6 | 539 | 1.1 | 0.0 | 0.4 | 404 | 0.7 | 0.0 | 11.0 | 20 | 15.2 | 0.0 |
| 12/26/09 10:30 | 2.6 | 714 | 4.8 | 0.2 | 0.3 | 613 | 0.5 | 0.0 | 0.6 | 528 | 1.1 | 0.0 | 0.4 | 401 | 0.7 | 0.0 | 6.3 | 20 | 8.4 | 0.0 |
| 12/26/09 11:00 | 2.3 | 727 | 4.2 | 0.2 | 0.3 | 623 | 0.5 | 0.0 | 0.6 | 536 | 1.1 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 8.0 | 20 | 10.8 | 0.0 |
| 12/26/09 11:30 | 2.3 | 720 | 4.2 | 0.2 | 0.4 | 616 | 0.7 | 0.0 | 0.7 | 529 | 1.3 | 0.0 | 0.4 | 397 | 0.7 | 0.0 | 8.9 | 20 | 12.1 | 0.0 |
| 12/26/09 12:00 | 2.4 | 720 | 4.4 | 0.2 | 0.3 | 617 | 0.5 | 0.0 | 0.6 | 531 | 1.1 | 0.0 | 0.5 | 401 | 0.9 | 0.0 | 13.0 | 20 | 18.1 | 0.0 |
| 12/26/09 12:30 | 2.5 | 714 | 4.6 | 0.2 | 0.3 | 612 | 0.5 | 0.0 | 0.6 | 526 | 1.1 | 0.0 | 0.4 | 397 | 0.7 | 0.0 | 7.5 | 20 | 10.1 | 0.0 |
| 12/26/09 13:00 | 1.8 | 707 | 3.3 | 0.1 | 0.2 | 607 | 0.4 | 0.0 | 0.7 | 523 | 1.3 | 0.0 | 0.4 | 397 | 0.7 | 0.0 | 5.8 | 20 | 7.7 | 0.0 |
| 12/26/09 13:30 | 2.0 | 707 | 3.7 | 0.1 | 0.6 | 606 | 1.1 | 0.0 | 1.4 | 521 | 2.6 | 0.1 | 0.4 | 393 | 0.7 | 0.0 | 8.0 | 20 | 10.8 | 0.0 |
| 12/26/09 14:00 | 1.7 | 700 | 3.1 | 0.1 | 0.3 | 601 | 0.5 | 0.0 | 0.6 | 518 | 1.1 | 0.0 | 0.4 | 393 | 0.7 | 0.0 | 7.5 | 20 | 10.1 | 0.0 |
| 12/26/09 14:30 | 1.7 | 707 | 3.1 | 0.1 | 0.3 | 605 | 0.5 | 0.0 | 0.7 | 519 | 1.3 | 0.0 | 0.4 | 390 | 0.7 | 0.0 | 9.8 | 20 | 13.4 | 0.0 |
| 12/26/09 15:00 | 1.7 | 707 | 3.1 | 0.1 | 0.6 | 605 | 1.1 | 0.0 | 0.7 | 519 | 1.3 | 0.0 | 0.4 | 390 | 0.7 | 0.0 | 9.5 | 20 | 13.0 | 0.0 |
| 12/26/09 15:30 | 1.7 | 707 | 3.1 | 0.1 | 0.3 | 603 | 0.5 | 0.0 | 0.6 | 516 | 1.1 | 0.0 | 0.4 | 386 | 0.7 | 0.0 | 14.0 | 19 | 19.6 | 0.0 |
| 12/26/09 16:00 | 1.8 | 693 | 3.3 | 0.1 | 0.3 | 595 | 0.5 | 0.0 | 1.1 | 513 | 2.0 | 0.1 | 0.5 | 390 | 0.9 | 0.0 | 9.4 | 20 | 12.8 | 0.0 |
| 12/26/09 16:30 | 1.7 | 700 | 3.1 | 0.1 | 0.4 | 599 | 0.7 | 0.0 | 0.6 | 514 | 1.1 | 0.0 | 0.4 | 386 | 0.7 | 0.0 | 11.0 | 19 | 15.2 | 0.0 |
| 12/26/09 17:00 | 1.8 | 686 | 3.3 | 0.1 | 0.3 | 590 | 0.5 | 0.0 | 0.6 | 508 | 1.1 | 0.0 | 0.4 | 386 | 0.7 | 0.0 | 10.0 | 19 | 13.7 | 0.0 |
| 12/26/09 17:30 | 1.5 | 693 | 2.7 | 0.1 | 0.6 | 593 | 1.1 | 0.0 | 0.6 | 509 | 1.1 | 0.0 | 0.4 | 382 | 0.7 | 0.0 | 9.0 | 19 | 12.3 | 0.0 |
| 12/26/09 18:00 | 2.2 | 693 | 4.0 | 0.2 | 0.5 | 593 | 0.9 | 0.0 | 0.7 | 509 | 1.3 | 0.0 | 0.4 | 382 | 0.7 | 0.0 | 7.2 | 19 | 9.7 | 0.0 |
| 12/26/09 18:30 | 1.9 | 686 | 3.5 | 0.1 | 0.3 | 587 | 0.5 | 0.0 | 0.7 | 504 | 1.3 | 0.0 | 0.5 | 379 | 0.9 | 0.0 | 8.5 | 19 | 11.5 | 0.0 |
| 12/26/09 19:00 | 1.8 | 686 | 3.3 | 0.1 | 0.4 | 587 | 0.7 | 0.0 | 0.8 | 504 | 1.4 | 0.0 | 0.6 | 379 | 1.1 | 0.0 | 6.0 | 19 | 8.0 | 0.0 |
| 12/26/09 19:30 | 2.0 | 673 | 3.7 | 0.1 | 0.5 | 577 | 0.9 | 0.0 | 0.8 | 496 | 1.4 | 0.0 | 0.5 | 375 | 0.9 | 0.0 | 5.9 | 19 | 7.8 | 0.0 |
| 12/26/09 20:00 | 1.8 | 680 | 3.3 | 0.1 | 0.5 | 582 | 0.9 | 0.0 | 0.6 | 499 | 1.1 | 0.0 | 0.7 | 375 | 1.3 | 0.0 | 8.7 | 19 | 11.8 | 0.0 |
| 12/26/09 20:30 | 2.0 | 680 | 3.7 | 0.1 | 0.4 | 582 | 0.7 | 0.0 | 0.7 | 499 | 1.3 | 0.0 | 0.4 | 375 | 0.7 | 0.0 | 10.0 | 19 | 13.7 | 0.0 |
| 12/26/09 21:00 | 1.8 | 673 | 3.3 | 0.1 | 0.4 | 576 | 0.7 | 0.0 | 0.6 | 494 | 1.1 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 6.5 | 19 | 8.7 | 0.0 |
| 12/26/09 21:30 | 1.8 | 673 | 3.3 | 0.1 | 0.4 | 576 | 0.7 | 0.0 | 0.6 | 494 | 1.1 | 0.0 | 0.5 | 372 | 0.9 | 0.0 | 6.8 | 19 | 9.1 | 0.0 |
| 12/26/09 22:00 | 1.8 | 673 | 3.3 | 0.1 | 0.3 | 576 | 0.5 | 0.0 | 0.9 | 494 | 1.6 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 8.7 | 19 | 11.8 | 0.0 |
| 12/26/09 22:30 | 1.7 | 673 | 3.1 | 0.1 | 1.0 | 575 | 1.8 | 0.1 | 0.6 | 492 | 1.1 | 0.0 | 0.4 | 368 | 0.7 | 0.0 | 8.3 | 19 | 11.3 | 0.0 |
| 12/26/09 23:00 | 1.7 | 667 | 3.1 | 0.1 | 0.7 | 570 | 1.3 | 0.0 | 0.6 | 490 | 1.1 | 0.0 | 0.4 | 368 | 0.7 | 0.0 | 7.2 | 19 | 9.7 | 0.0 |
| 12/26/09 23:30 | 1.7 | 667 | 3.1 | 0.1 | 0.9 | 570 | 1.6 | 0.1 | 0.6 | 490 | 1.1 | 0.0 | 0.5 | 368 | 0.9 | 0.0 | 6.2 | 19 | 8.3 | 0.0 |
| 12/27/09 0:00 | 1.7 | 660 | 3.1 | 0.1 | 0.7 | 565 | 1.3 | 0.0 | 0.6 | 485 | 1.1 | 0.0 | 0.4 | 365 | 0.7 | 0.0 | 8.5 | 18 | 11.5 | 0.0 |
| 12/27/09 0:30 | 2.0 | 660 | 3.7 | 0.1 | 0.4 | 565 | 0.7 | 0.0 | 0.5 | 485 | 0.9 | 0.0 | 0.5 | 365 | 0.9 | 0.0 | 6.8 | 18 | 9.1 | 0.0 |
| 12/27/09 1:00 | 1.7 | 660 | 3.1 | 0.1 | 2.8 | 565 | 5.2 | 0.2 | 0.5 | 485 | 0.9 | 0.0 | 0.4 | 365 | 0.7 | 0.0 | 4.9 | 18 | 6.4 | 0.0 |
| 12/27/09 1:30 | 1.9 | 660 | 3.5 | 0.1 | 0.3 | 564 | 0.5 | 0.0 | 0.6 | 483 | 1.1 | 0.0 | 0.4 | 361 | 0.7 | 0.0 | 5.0 | 18 | 6.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/27/09 2:00 | 3.1 | 660 | 5.7 | 0.2 | 0.3 | 564 | 0.5 | 0.0 | 0.6 | 483 | 1.1 | 0.0 | 0.4 | 361 | 0.7 | 0.0 | 6.3 | 18 | 8.4 | 0.0 |
| 12/27/09 2:30 | 1.8 | 653 | 3.3 | 0.1 | 0.4 | 559 | 0.7 | 0.0 | 0.6 | 480 | 1.1 | 0.0 | 0.6 | 361 | 1.1 | 0.0 | 7.8 | 18 | 10.5 | 0.0 |
| 12/27/09 3:00 | 1.6 | 647 | 2.9 | 0.1 | 0.4 | 554 | 0.7 | 0.0 | 0.6 | 475 | 1.1 | 0.0 | 0.4 | 358 | 0.7 | 0.0 | 7.0 | 18 | 9.4 | 0.0 |
| 12/27/09 3:30 | 2.0 | 647 | 3.7 | 0.1 | 0.4 | 554 | 0.7 | 0.0 | 0.5 | 475 | 0.9 | 0.0 | 0.4 | 358 | 0.7 | 0.0 | 6.3 | 18 | 8.4 | 0.0 |
| 12/27/09 4:00 | 2.5 | 641 | 4.6 | 0.2 | 0.4 | 549 | 0.7 | 0.0 | 0.5 | 471 | 0.9 | 0.0 | 0.7 | 354 | 1.3 | 0.0 | 5.7 | 18 | 7.5 | 0.0 |
| 12/27/09 4:30 | 1.7 | 647 | 3.1 | 0.1 | 0.3 | 553 | 0.5 | 0.0 | 0.4 | 473 | 0.7 | 0.0 | 0.5 | 354 | 0.9 | 0.0 | 5.5 | 18 | 7.3 | 0.0 |
| 12/27/09 5:00 | 2.0 | 647 | 3.7 | 0.1 | 0.3 | 553 | 0.5 | 0.0 | 0.5 | 473 | 0.9 | 0.0 | 0.4 | 354 | 0.7 | 0.0 | 6.0 | 18 | 8.0 | 0.0 |
| 12/27/09 5:30 | 2.1 | 635 | 3.9 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 0.6 | 466 | 1.1 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 11.0 | 18 | 15.2 | 0.0 |
| 12/27/09 6:00 | 1.7 | 635 | 3.1 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 0.6 | 466 | 1.1 | 0.0 | 0.7 | 351 | 1.3 | 0.0 | 6.3 | 18 | 8.4 | 0.0 |
| 12/27/09 6:30 | 1.7 | 629 | 3.1 | 0.1 | 0.4 | 539 | 0.7 | 0.0 | 0.6 | 464 | 1.1 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 5.2 | 18 | 6.8 | 0.0 |
| 12/27/09 7:00 | 1.8 | 635 | 3.3 | 0.1 | 0.3 | 542 | 0.5 | 0.0 | 0.6 | 464 | 1.1 | 0.0 | 0.4 | 347 | 0.7 | 0.0 | 5.4 | 18 | 7.1 | 0.0 |
| 12/27/09 7:30 | 1.5 | 623 | 2.7 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 0.6 | 459 | 1.1 | 0.0 | 0.4 | 347 | 0.7 | 0.0 | 7.4 | 18 | 10.0 | 0.0 |
| 12/27/09 8:00 | 1.7 | 629 | 3.1 | 0.1 | 0.3 | 538 | 0.5 | 0.0 | 0.6 | 462 | 1.1 | 0.0 | 0.4 | 347 | 0.7 | 0.0 | 5.6 | 18 | 7.4 | 0.0 |
| 12/27/09 8:30 | 1.9 | 617 | 3.5 | 0.1 | 0.6 | 529 | 1.1 | 0.0 | 0.6 | 455 | 1.1 | 0.0 | 0.4 | 344 | 0.7 | 0.0 | 8.3 | 17 | 11.3 | 0.0 |
| 12/27/09 9:00 | 1.8 | 623 | 3.3 | 0.1 | 0.9 | 533 | 1.6 | 0.0 | 1.2 | 457 | 2.2 | 0.1 | 0.6 | 344 | 1.1 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 12/27/09 9:30 | 1.6 | 623 | 2.9 | 0.1 | 0.3 | 532 | 0.5 | 0.0 | 0.6 | 455 | 1.1 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 7.5 | 17 | 10.1 | 0.0 |
| 12/27/09 10:00 | 1.8 | 629 | 3.3 | 0.1 | 0.2 | 536 | 0.4 | 0.0 | 0.6 | 458 | 1.1 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 7.7 | 17 | 10.4 | 0.0 |
| 12/27/09 10:30 | 1.8 | 617 | 3.3 | 0.1 | 0.3 | 527 | 0.5 | 0.0 | 0.5 | 451 | 0.9 | 0.0 | 0.4 | 337 | 0.7 | 0.0 | 5.5 | 17 | 7.3 | 0.0 |
| 12/27/09 11:00 | 1.6 | 611 | 2.9 | 0.1 | 0.3 | 524 | 0.5 | 0.0 | 0.4 | 451 | 0.7 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 4.9 | 17 | 6.4 | 0.0 |
| 12/27/09 11:30 | 1.7 | 611 | 3.1 | 0.1 | 0.3 | 524 | 0.5 | 0.0 | 0.4 | 451 | 0.7 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 5.7 | 17 | 7.5 | 0.0 |
| 12/27/09 12:00 | 1.4 | 611 | 2.6 | 0.1 | 0.1 | 523 | 0.2 | 0.0 | 0.5 | 449 | 0.9 | 0.0 | 0.4 | 337 | 0.7 | 0.0 | 6.5 | 17 | 8.7 | 0.0 |
| 12/27/09 12:30 | 1.6 | 605 | 2.9 | 0.1 | 0.1 | 518 | 0.2 | 0.0 | 0.6 | 444 | 1.1 | 0.0 | 0.4 | 334 | 0.7 | 0.0 | 6.4 | 17 | 8.5 | 0.0 |
| 12/27/09 13:00 | 1.8 | 611 | 3.3 | 0.1 | 0.2 | 522 | 0.4 | 0.0 | 0.6 | 447 | 1.1 | 0.0 | 0.6 | 334 | 1.1 | 0.0 | 10.0 | 17 | 13.7 | 0.0 |
| 12/27/09 13:30 | 1.8 | 605 | 3.3 | 0.1 | 0.5 | 517 | 0.9 | 0.0 | 0.6 | 442 | 1.1 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 9.0 | 17 | 12.3 | 0.0 |
| 12/27/09 14:00 | 1.7 | 611 | 3.1 | 0.1 | 0.2 | 521 | 0.4 | 0.0 | 0.5 | 445 | 0.9 | 0.0 | 0.4 | 331 | 0.7 | 0.0 | 6.5 | 17 | 8.7 | 0.0 |
| 12/27/09 14:30 | 1.6 | 605 | 2.9 | 0.1 | 0.3 | 517 | 0.5 | 0.0 | 0.5 | 442 | 0.9 | 0.0 | 0.5 | 331 | 0.9 | 0.0 | 5.2 | 17 | 6.8 | 0.0 |
| 12/27/09 15:00 | 1.7 | 599 | 3.1 | 0.1 | 0.4 | 513 | 0.7 | 0.0 | 0.6 | 440 | 1.1 | 0.0 | 0.6 | 331 | 1.1 | 0.0 | 4.4 | 17 | 5.7 | 0.0 |
| 12/27/09 15:30 | 1.6 | 599 | 2.9 | 0.1 | 0.6 | 513 | 1.1 | 0.0 | 0.5 | 440 | 0.9 | 0.0 | 1.0 | 331 | 1.8 | 0.0 | 4.6 | 17 | 6.0 | 0.0 |
| 12/27/09 16:00 | 1.6 | 599 | 2.9 | 0.1 | 0.3 | 512 | 0.5 | 0.0 | 0.6 | 438 | 1.1 | 0.0 | 0.4 | 327 | 0.7 | 0.0 | 5.4 | 17 | 7.1 | 0.0 |
| 12/27/09 16:30 | 1.6 | 593 | 2.9 | 0.1 | 0.2 | 508 | 0.4 | 0.0 | 0.6 | 436 | 1.1 | 0.0 | 0.4 | 327 | 0.7 | 0.0 | 5.9 | 17 | 7.8 | 0.0 |
| 12/27/09 17:00 | 1.6 | 593 | 2.9 | 0.1 | 0.4 | 507 | 0.7 | 0.0 | 0.6 | 434 | 1.1 | 0.0 | 0.6 | 324 | 1.1 | 0.0 | 7.5 | 17 | 10.1 | 0.0 |
| 12/27/09 17:30 | 1.6 | 599 | 2.9 | 0.1 | 0.3 | 511 | 0.5 | 0.0 | 0.7 | 436 | 1.3 | 0.0 | 0.4 | 324 | 0.7 | 0.0 | 5.5 | 17 | 7.3 | 0.0 |
| 12/27/09 18:00 | 1.6 | 593 | 2.9 | 0.1 | 0.2 | 507 | 0.4 | 0.0 | 0.5 | 434 | 0.9 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 5.8 | 17 | 7.7 | 0.0 |
| 12/27/09 18:30 | 1.6 | 588 | 2.9 | 0.1 | 0.2 | 503 | 0.4 | 0.0 | 0.4 | 431 | 0.7 | 0.0 | 0.5 | 324 | 0.9 | 0.0 | 4.9 | 17 | 6.4 | 0.0 |
| 12/27/09 19:00 | 1.6 | 588 | 2.9 | 0.1 | 0.1 | 502 | 0.2 | 0.0 | 0.5 | 429 | 0.9 | 0.0 | 0.4 | 321 | 0.7 | 0.0 | 16.0 | 16 | 22.6 | 0.0 |
| 12/27/09 19:30 | 1.5 | 582 | 2.7 | 0.1 | 0.2 | 498 | 0.4 | 0.0 | 0.7 | 427 | 1.3 | 0.0 | 0.5 | 321 | 0.9 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 12/27/09 20:00 | 1.8 | 582 | 3.3 | 0.1 | 0.3 | 498 | 0.5 | 0.0 | 0.6 | 427 | 1.1 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 6.2 | 16 | 8.3 | 0.0 |
| 12/27/09 20:30 | 1.6 | 588 | 2.9 | 0.1 | 0.1 | 501 | 0.2 | 0.0 | 0.5 | 427 | 0.9 | 0.0 | 0.4 | 318 | 0.7 | 0.0 | 7.2 | 16 | 9.7 | 0.0 |
| 12/27/09 21:00 | 1.6 | 582 | 2.9 | 0.1 | 0.3 | 497 | 0.5 | 0.0 | 0.4 | 425 | 0.7 | 0.0 | 0.5 | 318 | 0.9 | 0.0 | 6.8 | 16 | 9.1 | 0.0 |
| 12/27/09 21:30 | 1.6 | 576 | 2.9 | 0.1 | 0.2 | 493 | 0.4 | 0.0 | 0.6 | 423 | 1.1 | 0.0 | 0.4 | 318 | 0.7 | 0.0 | 6.5 | 16 | 8.7 | 0.0 |
| 12/27/09 22:00 | 2.3 | 582 | 4.2 | 0.1 | 0.2 | 496 | 0.4 | 0.0 | 0.7 | 423 | 1.3 | 0.0 | 0.4 | 314 | 0.7 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 12/27/09 22:30 | 1.8 | 576 | 3.3 | 0.1 | 0.3 | 492 | 0.5 | 0.0 | 0.6 | 421 | 1.1 | 0.0 | 0.4 | 314 | 0.7 | 0.0 | 8.9 | 16 | 12.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/27/09 23:00 | 1.6 | 576 | 2.9 | 0.1 | 0.2 | 492 | 0.4 | 0.0 | 0.6 | 421 | 1.1 | 0.0 | 0.4 | 314 | 0.7 | 0.0 | 6.3 | 16 | 8.4 | 0.0 |
| 12/27/09 23:30 | 1.7 | 576 | 3.1 | 0.1 | 0.2 | 492 | 0.4 | 0.0 | 0.6 | 421 | 1.1 | 0.0 | 0.9 | 314 | 1.6 | 0.0 | 6.4 | 16 | 8.5 | 0.0 |
| 12/28/09 0:00 | 1.6 | 570 | 2.9 | 0.1 | 0.1 | 487 | 0.2 | 0.0 | 0.8 | 417 | 1.4 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 12/28/09 0:30 | 1.6 | 576 | 2.9 | 0.1 | 0.7 | 491 | 1.3 | 0.0 | 0.6 | 419 | 1.1 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 9.9 | 16 | 13.6 | 0.0 |
| 12/28/09 1:00 | 1.7 | 570 | 3.1 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 0.6 | 417 | 1.1 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 9.2 | 16 | 12.6 | 0.0 |
| 12/28/09 1:30 | 1.6 | 565 | 2.9 | 0.1 | 0.3 | 482 | 0.5 | 0.0 | 0.6 | 412 | 1.1 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 12/28/09 2:00 | 1.6 | 570 | 2.9 | 0.1 | 0.2 | 486 | 0.4 | 0.0 | 0.5 | 415 | 0.9 | 0.0 | 1.0 | 308 | 1.8 | 0.0 | 7.1 | 16 | 9.5 | 0.0 |
| 12/28/09 2:30 | 1.6 | 565 | 2.9 | 0.1 | 0.2 | 482 | 0.4 | 0.0 | 0.5 | 412 | 0.9 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 12/28/09 3:00 | 1.5 | 565 | 2.7 | 0.1 | 0.1 | 481 | 0.2 | 0.0 | 0.6 | 411 | 1.1 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 8.8 | 16 | 12.0 | 0.0 |
| 12/28/09 3:30 | 1.5 | 565 | 2.7 | 0.1 | 0.3 | 481 | 0.5 | 0.0 | 0.5 | 411 | 0.9 | 0.0 | 0.5 | 305 | 0.9 | 0.0 | 8.5 | 16 | 11.5 | 0.0 |
| 12/28/09 4:00 | 1.7 | 565 | 3.1 | 0.1 | 0.3 | 481 | 0.5 | 0.0 | 0.5 | 411 | 0.9 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 5.3 | 16 | 7.0 | 0.0 |
| 12/28/09 4:30 | 1.6 | 559 | 2.9 | 0.1 | 0.3 | 477 | 0.5 | 0.0 | 0.6 | 408 | 1.1 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 36.0 | 16 | 53.5 | 0.0 |
| 12/28/09 5:00 | 1.6 | 559 | 2.9 | 0.1 | 0.2 | 476 | 0.4 | 0.0 | 0.6 | 406 | 1.1 | 0.0 | 0.4 | 302 | 0.7 | 0.0 | 33.0 | 15 | 48.7 | 0.0 |
| 12/28/09 5:30 | 1.7 | 559 | 3.1 | 0.1 | 0.4 | 476 | 0.7 | 0.0 | 0.5 | 406 | 0.9 | 0.0 | 0.4 | 302 | 0.7 | 0.0 | 24.0 | 15 | 34.8 | 0.0 |
| 12/28/09 6:00 | 1.6 | 553 | 2.9 | 0.1 | 0.2 | 472 | 0.4 | 0.0 | 0.6 | 404 | 1.1 | 0.0 | 0.4 | 302 | 0.7 | 0.0 | 19.0 | 15 | 27.1 | 0.0 |
| 12/28/09 6:30 | 1.7 | 553 | 3.1 | 0.1 | 0.4 | 472 | 0.7 | 0.0 | 0.6 | 404 | 1.1 | 0.0 | 0.4 | 302 | 0.7 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 12/28/09 7:00 | 1.7 | 548 | 3.1 | 0.1 | 0.4 | 468 | 0.7 | 0.0 | 0.6 | 400 | 1.1 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 13.0 | 15 | 18.1 | 0.0 |
| 12/28/09 7:30 | 1.6 | 548 | 2.9 | 0.1 | 0.2 | 468 | 0.4 | 0.0 | 0.9 | 400 | 1.6 | 0.0 | 0.3 | 299 | 0.5 | 0.0 | 27.0 | 15 | 39.4 | 0.0 |
| 12/28/09 8:00 | 1.7 | 542 | 3.1 | 0.1 | 0.3 | 463 | 0.5 | 0.0 | 0.6 | 396 | 1.1 | 0.0 | 0.4 | 296 | 0.7 | 0.0 | 6.6 | 15 | 8.8 | 0.0 |
| 12/28/09 8:30 | 1.7 | 537 | 3.1 | 0.1 | 0.3 | 459 | 0.5 | 0.0 | 0.6 | 394 | 1.1 | 0.0 | 0.4 | 296 | 0.7 | 0.0 | 7.9 | 15 | 10.7 | 0.0 |
| 12/28/09 9:00 | 2.3 | 542 | 4.2 | 0.1 | 0.4 | 463 | 0.7 | 0.0 | 1.0 | 396 | 1.8 | 0.0 | 0.4 | 296 | 0.7 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 12/28/09 9:30 | 1.6 | 537 | 2.9 | 0.1 | 0.3 | 458 | 0.5 | 0.0 | 0.5 | 392 | 0.9 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 14.0 | 15 | 19.6 | 0.0 |
| 12/28/09 10:00 | 1.8 | 537 | 3.3 | 0.1 | 0.2 | 458 | 0.4 | 0.0 | 0.6 | 392 | 1.1 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 5.6 | 15 | 7.4 | 0.0 |
| 12/28/09 10:30 | 1.7 | 542 | 3.1 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 0.6 | 394 | 1.1 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 5.6 | 15 | 7.4 | 0.0 |
| 12/28/09 11:00 | 1.6 | 537 | 2.9 | 0.1 | 0.4 | 458 | 0.7 | 0.0 | 0.6 | 392 | 1.1 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 6.7 | 15 | 9.0 | 0.0 |
| 12/28/09 11:30 | 2.1 | 531 | 3.9 | 0.1 | 0.7 | 453 | 1.3 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.4 | 290 | 0.7 | 0.0 | 6.5 | 15 | 8.7 | 0.0 |
| 12/28/09 12:00 | 1.9 | 531 | 3.5 | 0.1 | 0.2 | 453 | 0.4 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 11.0 | 15 | 15.2 | 0.0 |
| 12/28/09 12:30 | 1.7 | 531 | 3.1 | 0.1 | 0.3 | 453 | 0.5 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |
| 12/28/09 13:00 | 1.6 | 531 | 2.9 | 0.1 | 0.3 | 453 | 0.5 | 0.0 | 0.6 | 388 | 1.1 | 0.0 | 1.2 | 290 | 2.2 | 0.0 | 7.8 | 15 | 10.5 | 0.0 |
| 12/28/09 13:30 | 2.0 | 531 | 3.7 | 0.1 | 0.3 | 453 | 0.5 | 0.0 | 0.4 | 388 | 0.7 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 12/28/09 14:00 | 2.0 | 526 | 3.7 | 0.1 | 0.2 | 448 | 0.4 | 0.0 | 0.6 | 382 | 1.1 | 0.0 | 1.0 | 283 | 1.8 | 0.0 | 5.7 | 15 | 7.5 | 0.0 |
| 12/28/09 14:30 | 2.1 | 531 | 3.9 | 0.1 | 0.3 | 453 | 0.5 | 0.0 | 0.6 | 386 | 1.1 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 12/28/09 15:00 | 2.3 | 526 | 4.2 | 0.1 | 0.1 | 448 | 0.2 | 0.0 | 0.6 | 382 | 1.1 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 4.8 | 15 | 6.3 | 0.0 |
| 12/28/09 15:30 | 1.6 | 521 | 2.9 | 0.1 | 0.2 | 444 | 0.4 | 0.0 | 0.5 | 380 | 0.9 | 0.0 | 0.5 | 283 | 0.9 | 0.0 | 6.4 | 15 | 8.5 | 0.0 |
| 12/28/09 16:00 | 1.7 | 521 | 3.1 | 0.1 | 0.2 | 444 | 0.4 | 0.0 | 0.4 | 380 | 0.7 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 6.1 | 15 | 8.1 | 0.0 |
| 12/28/09 16:30 | 2.1 | 515 | 3.9 | 0.1 | 0.3 | 441 | 0.5 | 0.0 | 0.4 | 378 | 0.7 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 5.4 | 15 | 7.1 | 0.0 |
| 12/28/09 17:00 | 2.0 | 521 | 3.7 | 0.1 | 0.3 | 443 | 0.5 | 0.0 | 0.6 | 378 | 1.1 | 0.0 | 0.4 | 280 | 0.7 | 0.0 | 5.9 | 14 | 7.8 | 0.0 |
| 12/28/09 17:30 | 1.9 | 521 | 3.5 | 0.1 | 0.2 | 443 | 0.4 | 0.0 | 0.6 | 378 | 1.1 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 7.3 | 14 | 9.8 | 0.0 |
| 12/28/09 18:00 | 2.0 | 510 | 3.7 | 0.1 | 0.4 | 436 | 0.7 | 0.0 | 0.5 | 374 | 0.9 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 5.6 | 14 | 7.4 | 0.0 |
| 12/28/09 18:30 | 2.0 | 515 | 3.7 | 0.1 | 0.4 | 440 | 0.7 | 0.0 | 0.5 | 376 | 0.9 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 4.4 | 14 | 5.7 | 0.0 |
| 12/28/09 19:00 | 2.1 | 515 | 3.9 | 0.1 | 0.2 | 440 | 0.4 | 0.0 | 0.4 | 376 | 0.7 | 0.0 | 0.5 | 280 | 0.9 | 0.0 | 4.2 | 14 | 5.5 | 0.0 |
| 12/28/09 19:30 | 2.1 | 515 | 3.9 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 0.6 | 374 | 1.1 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 7.1 | 14 | 9.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/28/09 20:00 | 2.1 | 510 | 3.9 | 0.1 | 0.3 | 435 | 0.5 | 0.0 | 0.4 | 372 | 0.7 | 0.0 | 0.4 | 277 | 0.7 | 0.0 | 4.4 | 14 | 5.7 | 0.0 |
| 12/28/09 20:30 | 1.3 | 510 | 2.4 | 0.1 | 0.2 | 435 | 0.4 | 0.0 | 0.5 | 372 | 0.9 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 9.8 | 14 | 13.4 | 0.0 |
| 12/28/09 21:00 | 1.9 | 504 | 3.5 | 0.1 | 0.2 | 431 | 0.4 | 0.0 | 0.5 | 370 | 0.9 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 4.1 | 14 | 5.3 | 0.0 |
| 12/28/09 21:30 | 2.2 | 510 | 4.0 | 0.1 | 0.3 | 434 | 0.5 | 0.0 | 0.6 | 370 | 1.1 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 4.3 | 14 | 5.6 | 0.0 |
| 12/28/09 22:00 | 2.4 | 504 | 4.4 | 0.1 | 0.3 | 430 | 0.5 | 0.0 | 0.4 | 368 | 0.7 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 4.7 | 14 | 6.2 | 0.0 |
| 12/28/09 22:30 | 2.1 | 504 | 3.9 | 0.1 | 0.4 | 429 | 0.7 | 0.0 | 0.4 | 366 | 0.7 | 0.0 | 0.5 | 272 | 0.9 | 0.0 | 5.0 | 14 | 6.6 | 0.0 |
| 12/28/09 23:00 | 2.3 | 504 | 4.2 | 0.1 | 0.2 | 429 | 0.4 | 0.0 | 0.5 | 366 | 0.9 | 0.0 | 0.4 | 272 | 0.7 | 0.0 | 4.6 | 14 | 6.0 | 0.0 |
| 12/28/09 23:30 | 2.3 | 499 | 4.2 | 0.1 | 0.1 | 426 | 0.2 | 0.0 | 0.4 | 364 | 0.7 | 0.0 | 0.5 | 272 | 0.9 | 0.0 | 7.1 | 14 | 9.5 | 0.0 |
| 12/29/09 0:00 | 1.9 | 499 | 3.5 | 0.1 | 0.3 | 426 | 0.5 | 0.0 | 0.5 | 364 | 0.9 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 14.0 | 14 | 19.6 | 0.0 |
| 12/29/09 0:30 | 2.4 | 499 | 4.4 | 0.1 | 0.2 | 426 | 0.4 | 0.0 | 0.5 | 364 | 0.9 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 4.5 | 14 | 5.9 | 0.0 |
| 12/29/09 1:00 | 2.0 | 499 | 3.7 | 0.1 | 0.3 | 425 | 0.5 | 0.0 | 0.4 | 362 | 0.7 | 0.0 | 0.4 | 269 | 0.7 | 0.0 | 5.0 | 14 | 6.6 | 0.0 |
| 12/29/09 1:30 | 2.4 | 504 | 4.4 | 0.1 | 0.3 | 429 | 0.5 | 0.0 | 0.5 | 365 | 0.9 | 0.0 | 0.8 | 269 | 1.4 | 0.0 | 5.1 | 14 | 6.7 | 0.0 |
| 12/29/09 2:00 | 2.5 | 494 | 4.6 | 0.1 | 0.6 | 421 | 1.1 | 0.0 | 0.4 | 360 | 0.7 | 0.0 | 0.5 | 269 | 0.9 | 0.0 | 11.0 | 14 | 15.2 | 0.0 |
| 12/29/09 2:30 | 2.4 | 494 | 4.4 | 0.1 | 0.3 | 421 | 0.5 | 0.0 | 0.4 | 360 | 0.7 | 0.0 | 0.4 | 269 | 0.7 | 0.0 | 5.9 | 14 | 7.8 | 0.0 |
| 12/29/09 3:00 | 2.2 | 494 | 4.0 | 0.1 | 0.1 | 420 | 0.2 | 0.0 | 0.5 | 359 | 0.9 | 0.0 | 0.4 | 266 | 0.7 | 0.0 | 6.7 | 14 | 9.0 | 0.0 |
| 12/29/09 3:30 | 2.4 | 489 | 4.4 | 0.1 | 0.3 | 417 | 0.5 | 0.0 | 0.5 | 356 | 0.9 | 0.0 | 0.9 | 266 | 1.6 | 0.0 | 4.2 | 14 | 5.5 | 0.0 |
| 12/29/09 4:00 | 2.2 | 489 | 4.0 | 0.1 | 1.2 | 417 | 2.2 | 0.1 | 0.4 | 356 | 0.7 | 0.0 | 0.6 | 266 | 1.1 | 0.0 | 7.5 | 14 | 10.1 | 0.0 |
| 12/29/09 4:30 | 3.2 | 484 | 5.9 | 0.2 | 0.3 | 413 | 0.5 | 0.0 | 0.4 | 353 | 0.7 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 7.3 | 14 | 9.8 | 0.0 |
| 12/29/09 5:00 | 2.4 | 489 | 4.4 | 0.1 | 0.1 | 416 | 0.2 | 0.0 | 0.6 | 355 | 1.1 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 6.7 | 14 | 9.0 | 0.0 |
| 12/29/09 5:30 | 2.9 | 484 | 5.4 | 0.1 | 0.3 | 413 | 0.5 | 0.0 | 0.5 | 353 | 0.9 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 6.2 | 14 | 8.3 | 0.0 |
| 12/29/09 6:00 | 2.9 | 484 | 5.4 | 0.1 | 0.1 | 413 | 0.2 | 0.0 | 0.5 | 353 | 0.9 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 8.0 | 14 | 10.8 | 0.0 |
| 12/29/09 6:30 | 2.3 | 484 | 4.2 | 0.1 | 0.1 | 413 | 0.2 | 0.0 | 0.6 | 353 | 1.1 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 6.5 | 14 | 8.7 | 0.0 |
| 12/29/09 7:00 | 2.1 | 478 | 3.9 | 0.1 | 0.1 | 408 | 0.2 | 0.0 | 0.6 | 349 | 1.1 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 6.2 | 13 | 8.3 | 0.0 |
| 12/29/09 7:30 | 1.9 | 478 | 3.5 | 0.1 | 0.1 | 408 | 0.2 | 0.0 | 1.1 | 349 | 2.0 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 4.5 | 13 | 5.9 | 0.0 |
| 12/29/09 8:00 | 2.3 | 484 | 4.2 | 0.1 | 0.2 | 412 | 0.4 | 0.0 | 0.5 | 351 | 0.9 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 4.1 | 13 | 5.3 | 0.0 |
| 12/29/09 8:30 | 2.3 | 473 | 4.2 | 0.1 | 0.3 | 405 | 0.5 | 0.0 | 0.4 | 347 | 0.7 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 4.9 | 13 | 6.4 | 0.0 |
| 12/29/09 9:00 | 1.8 | 473 | 3.3 | 0.1 | 0.4 | 404 | 0.7 | 0.0 | 0.5 | 345 | 0.9 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 5.4 | 13 | 7.1 | 0.0 |
| 12/29/09 9:30 | 2.2 | 478 | 4.0 | 0.1 | 0.3 | 407 | 0.5 | 0.0 | 0.5 | 347 | 0.9 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 6.3 | 13 | 8.4 | 0.0 |
| 12/29/09 10:00 | 2.4 | 473 | 4.4 | 0.1 | 0.1 | 404 | 0.2 | 0.0 | 0.5 | 345 | 0.9 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 5.3 | 13 | 7.0 | 0.0 |
| 12/29/09 10:30 | 2.2 | 468 | 4.0 | 0.1 | 0.1 | 400 | 0.2 | 0.0 | 0.5 | 343 | 0.9 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/29/09 11:00 | 2.2 | 468 | 4.0 | 0.1 | 0.1 | 400 | 0.2 | 0.0 | 0.5 | 343 | 0.9 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 6.1 | 13 | 8.1 | 0.0 |
| 12/29/09 11:30 | 2.1 | 468 | 3.9 | 0.1 | 0.2 | 399 | 0.4 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/29/09 12:00 | 2.3 | 468 | 4.2 | 0.1 | 0.3 | 399 | 0.5 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 6.7 | 13 | 9.0 | 0.0 |
| 12/29/09 12:30 | 2.3 | 468 | 4.2 | 0.1 | 0.2 | 399 | 0.4 | 0.0 | 0.4 | 341 | 0.7 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 5.9 | 13 | 7.8 | 0.0 |
| 12/29/09 13:00 | 2.3 | 468 | 4.2 | 0.1 | 0.3 | 399 | 0.5 | 0.0 | 0.5 | 341 | 0.9 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 6.2 | 13 | 8.3 | 0.0 |
| 12/29/09 13:30 | 2.2 | 463 | 4.0 | 0.1 | 0.1 | 396 | 0.2 | 0.0 | 0.4 | 339 | 0.7 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 8.2 | 13 | 11.1 | 0.0 |
| 12/29/09 14:00 | 2.4 | 468 | 4.4 | 0.1 | 0.1 | 398 | 0.2 | 0.0 | 0.5 | 340 | 0.9 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 6.9 | 13 | 9.2 | 0.0 |
| 12/29/09 14:30 | 1.1 | 463 | 2.0 | 0.1 | 0.1 | 395 | 0.2 | 0.0 | 0.4 | 338 | 0.7 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 7.5 | 13 | 10.1 | 0.0 |
| 12/29/09 15:00 | 1.3 | 463 | 2.4 | 0.1 | 0.1 | 395 | 0.2 | 0.0 | 0.4 | 338 | 0.7 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 8.5 | 13 | 11.5 | 0.0 |
| 12/29/09 15:30 | 1.0 | 463 | 1.8 | 0.0 | 0.2 | 395 | 0.4 | 0.0 | 0.4 | 338 | 0.7 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 8.8 | 13 | 12.0 | 0.0 |
| 12/29/09 16:00 | 1.0 | 463 | 1.8 | 0.0 | 0.1 | 395 | 0.2 | 0.0 | 0.4 | 338 | 0.7 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 9.4 | 13 | 12.8 | 0.0 |
| 12/29/09 16:30 | 1.0 | 468 | 1.8 | 0.0 | 0.2 | 399 | 0.4 | 0.0 | 0.6 | 341 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 9.7 | 13 | 13.3 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/29/09 17:00 | 1.1 | 463 | 2.0 | 0.1 | 0.1 | 396 | 0.2 | 0.0 | 0.6 | 339 | 1.1 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 5.8 | 13 | 7.7 | 0.0 |
| 12/29/09 17:30 | 1.8 | 468 | 3.3 | 0.1 | 0.4 | 399 | 0.7 | 0.0 | 0.5 | 341 | 0.9 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 8.5 | 13 | 11.5 | 0.0 |
| 12/29/09 18:00 | 1.0 | 463 | 1.8 | 0.0 | 0.1 | 396 | 0.2 | 0.0 | 0.6 | 339 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 9.1 | 13 | 12.4 | 0.0 |
| 12/29/09 18:30 | 0.9 | 463 | 1.6 | 0.0 | 0.1 | 396 | 0.2 | 0.0 | 0.6 | 339 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 27.0 | 13 | 39.4 | 0.0 |
| 12/29/09 19:00 | 1.0 | 463 | 1.8 | 0.0 | 0.3 | 396 | 0.5 | 0.0 | 0.6 | 339 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 21.0 | 13 | 30.2 | 0.0 |
| 12/29/09 19:30 | 1.1 | 463 | 2.0 | 0.1 | 0.4 | 396 | 0.7 | 0.0 | 0.7 | 339 | 1.3 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 30.0 | 13 | 44.0 | 0.0 |
| 12/29/09 20:00 | 1.2 | 468 | 2.2 | 0.1 | 0.3 | 399 | 0.5 | 0.0 | 0.6 | 341 | 1.1 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 51.0 | 13 | 77.4 | 0.1 |
| 12/29/09 20:30 | 1.5 | 468 | 2.7 | 0.1 | 0.3 | 400 | 0.5 | 0.0 | 0.6 | 343 | 1.1 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 51.0 | 13 | 77.4 | 0.1 |
| 12/29/09 21:00 | 1.0 | 473 | 1.8 | 0.0 | 0.3 | 405 | 0.5 | 0.0 | 0.7 | 347 | 1.3 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 56.0 | 13 | 85.5 | 0.1 |
| 12/29/09 21:30 | 1.1 | 478 | 2.0 | 0.1 | 0.4 | 409 | 0.7 | 0.0 | 0.8 | 351 | 1.4 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 39.0 | 14 | 58.2 | 0.0 |
| 12/29/09 22:00 | 1.3 | 473 | 2.4 | 0.1 | 0.4 | 406 | 0.7 | 0.0 | 1.2 | 348 | 2.2 | 0.0 | 0.6 | 263 | 1.1 | 0.0 | 36.0 | 14 | 53.5 | 0.0 |
| 12/29/09 22:30 | 1.1 | 489 | 2.0 | 0.1 | 0.3 | 417 | 0.5 | 0.0 | 0.8 | 356 | 1.4 | 0.0 | 0.4 | 266 | 0.7 | 0.0 | 47.0 | 14 | 71.0 | 0.1 |
| 12/29/09 23:00 | 2.3 | 484 | 4.2 | 0.1 | 0.5 | 413 | 0.9 | 0.0 | 0.9 | 353 | 1.6 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 58.0 | 14 | 88.7 | 0.1 |
| 12/29/09 23:30 | 2.5 | 494 | 4.6 | 0.1 | 0.4 | 420 | 0.7 | 0.0 | 1.2 | 357 | 2.2 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 12/30/09 0:00 | 2.1 | 489 | 3.9 | 0.1 | 0.6 | 415 | 1.1 | 0.0 | 1.4 | 353 | 2.6 | 0.1 | 0.4 | 260 | 0.7 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/30/09 0:30 | 3.2 | 489 | 5.9 | 0.2 | 0.6 | 414 | 1.1 | 0.0 | 1.9 | 351 | 3.5 | 0.1 | 0.4 | 257 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/30/09 1:00 | 2.5 | 494 | 4.6 | 0.1 | 0.6 | 418 | 1.1 | 0.0 | 1.9 | 354 | 3.5 | 0.1 | 0.3 | 257 | 0.5 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/30/09 1:30 | 2.8 | 489 | 5.2 | 0.1 | 0.7 | 414 | 1.3 | 0.0 | 1.9 | 351 | 3.5 | 0.1 | 0.4 | 257 | 0.7 | 0.0 | 15.0 | 13 | 21.1 | 0.0 |
| 12/30/09 2:00 | 2.5 | 494 | 4.6 | 0.1 | 1.1 | 417 | 2.0 | 0.0 | 1.8 | 352 | 3.3 | 0.1 | 0.3 | 254 | 0.5 | 0.0 | 9.4 | 13 | 12.8 | 0.0 |
| 12/30/09 2:30 | 2.0 | 499 | 3.7 | 0.1 | 1.0 | 420 | 1.8 | 0.0 | 1.8 | 354 | 3.3 | 0.1 | 0.4 | 254 | 0.7 | 0.0 | 9.3 | 13 | 12.7 | 0.0 |
| 12/30/09 3:00 | 2.2 | 494 | 4.0 | 0.1 | 1.5 | 417 | 2.7 | 0.1 | 1.7 | 352 | 3.1 | 0.1 | 0.3 | 254 | 0.5 | 0.0 | 10.0 | 13 | 13.7 | 0.0 |
| 12/30/09 3:30 | 2.3 | 489 | 4.2 | 0.1 | 1.2 | 413 | 2.2 | 0.1 | 1.4 | 350 | 2.6 | 0.1 | 0.3 | 254 | 0.5 | 0.0 | 13.0 | 13 | 18.1 | 0.0 |
| 12/30/09 4:00 | 2.2 | 489 | 4.0 | 0.1 | 1.4 | 413 | 2.6 | 0.1 | 1.1 | 350 | 2.0 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/30/09 4:30 | 2.3 | 489 | 4.2 | 0.1 | 1.3 | 414 | 2.4 | 0.1 | 1.0 | 351 | 1.8 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 11.0 | 13 | 15.2 | 0.0 |
| 12/30/09 5:00 | 2.5 | 494 | 4.6 | 0.1 | 1.1 | 418 | 2.0 | 0.0 | 1.0 | 354 | 1.8 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 9.2 | 13 | 12.6 | 0.0 |
| 12/30/09 5:30 | 2.3 | 494 | 4.2 | 0.1 | 1.1 | 418 | 2.0 | 0.0 | 0.9 | 354 | 1.6 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 9.8 | 13 | 13.4 | 0.0 |
| 12/30/09 6:00 | 2.4 | 494 | 4.4 | 0.1 | 0.7 | 418 | 1.3 | 0.0 | 0.9 | 354 | 1.6 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 12/30/09 6:30 | 2.3 | 499 | 4.2 | 0.1 | 0.7 | 421 | 1.3 | 0.0 | 0.7 | 356 | 1.3 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 8.7 | 13 | 11.8 | 0.0 |
| 12/30/09 7:00 | 2.4 | 499 | 4.4 | 0.1 | 0.6 | 422 | 1.1 | 0.0 | 0.9 | 357 | 1.6 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 7.4 | 13 | 10.0 | 0.0 |
| 12/30/09 7:30 | 2.2 | 510 | 4.0 | 0.1 | 3.0 | 429 | 5.6 | 0.1 | 0.8 | 362 | 1.4 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 6.3 | 13 | 8.4 | 0.0 |
| 12/30/09 8:00 | 2.4 | 515 | 4.4 | 0.1 | 0.6 | 433 | 1.1 | 0.0 | 1.3 | 364 | 2.4 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/30/09 8:30 | 2.9 | 515 | 5.4 | 0.2 | 0.7 | 433 | 1.3 | 0.0 | 1.2 | 364 | 2.2 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/30/09 9:00 | 2.6 | 521 | 4.8 | 0.1 | 0.7 | 437 | 1.3 | 0.0 | 0.8 | 366 | 1.4 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/30/09 9:30 | 2.9 | 526 | 5.4 | 0.2 | 0.6 | 439 | 1.1 | 0.0 | 0.7 | 367 | 1.3 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 11.0 | 13 | 15.2 | 0.0 |
| 12/30/09 10:00 | 2.7 | 526 | 5.0 | 0.1 | 0.5 | 439 | 0.9 | 0.0 | 1.0 | 367 | 1.8 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 9.1 | 13 | 12.4 | 0.0 |
| 12/30/09 10:30 | 2.7 | 531 | 5.0 | 0.1 | 0.6 | 443 | 1.1 | 0.0 | 0.9 | 369 | 1.6 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 7.3 | 13 | 9.8 | 0.0 |
| 12/30/09 11:00 | 4.0 | 537 | 7.4 | 0.2 | 0.5 | 447 | 0.9 | 0.0 | 1.0 | 371 | 1.8 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 7.4 | 13 | 10.0 | 0.0 |
| 12/30/09 11:30 | 3.1 | 537 | 5.7 | 0.2 | 0.6 | 447 | 1.1 | 0.0 | 0.7 | 371 | 1.3 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 6.9 | 13 | 9.2 | 0.0 |
| 12/30/09 12:00 | 2.3 | 526 | 4.2 | 0.1 | 1.0 | 439 | 1.8 | 0.0 | 0.7 | 367 | 1.3 | 0.0 | 0.5 | 257 | 0.9 | 0.0 | 7.8 | 13 | 10.5 | 0.0 |
| 12/30/09 12:30 | 2.9 | 531 | 5.4 | 0.2 | 0.6 | 442 | 1.1 | 0.0 | 0.9 | 367 | 1.6 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 15.0 | 13 | 21.1 | 0.0 |
| 12/30/09 13:00 | 2.8 | 526 | 5.2 | 0.2 | 0.6 | 438 | 1.1 | 0.0 | 0.8 | 365 | 1.4 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 10.0 | 13 | 13.7 | 0.0 |
| 12/30/09 13:30 | 2.5 | 526 | 4.6 | 0.1 | 0.7 | 439 | 1.3 | 0.0 | 0.7 | 367 | 1.3 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 7.8 | 13 | 10.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/30/09 14:00 | 3.3 | 526 | 6.1 | 0.2 | 0.4 | 439 | 0.7 | 0.0 | 0.8 | 367 | 1.4 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 6.4 | 13 | 8.5 | 0.0 |
| 12/30/09 14:30 | 2.5 | 521 | 4.6 | 0.1 | 0.7 | 436 | 1.3 | 0.0 | 0.7 | 364 | 1.3 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 8.7 | 13 | 11.8 | 0.0 |
| 12/30/09 15:00 | 2.5 | 526 | 4.6 | 0.1 | 0.9 | 440 | 1.6 | 0.0 | 0.6 | 368 | 1.1 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 8.4 | 13 | 11.4 | 0.0 |
| 12/30/09 15:30 | 2.3 | 521 | 4.2 | 0.1 | 0.9 | 437 | 1.6 | 0.0 | 0.6 | 366 | 1.1 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 11.0 | 13 | 15.2 | 0.0 |
| 12/30/09 16:00 | 2.3 | 526 | 4.2 | 0.1 | 0.6 | 440 | 1.1 | 0.0 | 0.6 | 368 | 1.1 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 9.5 | 13 | 13.0 | 0.0 |
| 12/30/09 16:30 | 2.2 | 521 | 4.0 | 0.1 | 0.4 | 436 | 0.7 | 0.0 | 0.7 | 364 | 1.3 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 13.0 | 13 | 18.1 | 0.0 |
| 12/30/09 17:00 | 2.7 | 521 | 5.0 | 0.1 | 0.7 | 437 | 1.3 | 0.0 | 0.7 | 366 | 1.3 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/30/09 17:30 | 2.2 | 521 | 4.0 | 0.1 | 0.7 | 437 | 1.3 | 0.0 | 0.6 | 366 | 1.1 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 18.0 | 13 | 25.6 | 0.0 |
| 12/30/09 18:00 | 2.2 | 521 | 4.0 | 0.1 | 0.5 | 437 | 0.9 | 0.0 | 0.7 | 366 | 1.3 | 0.0 | 0.8 | 260 | 1.4 | 0.0 | 9.9 | 13 | 13.6 | 0.0 |
| 12/30/09 18:30 | 3.9 | 521 | 7.3 | 0.2 | 0.5 | 437 | 0.9 | 0.0 | 0.7 | 366 | 1.3 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 10.0 | 13 | 13.7 | 0.0 |
| 12/30/09 19:00 | 2.0 | 526 | 3.7 | 0.1 | 0.4 | 441 | 0.7 | 0.0 | 0.6 | 370 | 1.1 | 0.0 | 0.5 | 263 | 0.9 | 0.0 | 10.0 | 14 | 13.7 | 0.0 |
| 12/30/09 19:30 | 2.6 | 526 | 4.8 | 0.1 | 0.4 | 441 | 0.7 | 0.0 | 0.6 | 370 | 1.1 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 24.0 | 14 | 34.8 | 0.0 |
| 12/30/09 20:00 | 2.3 | 521 | 4.2 | 0.1 | 0.6 | 438 | 1.1 | 0.0 | 0.7 | 368 | 1.3 | 0.0 | 0.5 | 263 | 0.9 | 0.0 | 31.0 | 14 | 45.6 | 0.0 |
| 12/30/09 20:30 | 2.2 | 521 | 4.0 | 0.1 | 0.4 | 438 | 0.7 | 0.0 | 0.7 | 368 | 1.3 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 26.0 | 14 | 37.8 | 0.0 |
| 12/30/09 21:00 | 3.0 | 521 | 5.6 | 0.2 | 0.5 | 438 | 0.9 | 0.0 | 0.8 | 368 | 1.4 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 12.0 | 14 | 16.6 | 0.0 |
| 12/30/09 21:30 | 3.0 | 526 | 5.6 | 0.2 | 0.6 | 441 | 1.1 | 0.0 | 0.7 | 370 | 1.3 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 8.7 | 14 | 11.8 | 0.0 |
| 12/30/09 22:00 | 3.3 | 521 | 6.1 | 0.2 | 0.5 | 437 | 0.9 | 0.0 | 0.7 | 366 | 1.3 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 7.7 | 13 | 10.4 | 0.0 |
| 12/30/09 22:30 | 2.1 | 526 | 3.9 | 0.1 | 0.4 | 440 | 0.7 | 0.0 | 0.7 | 368 | 1.3 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 10.0 | 13 | 13.7 | 0.0 |
| 12/30/09 23:00 | 3.0 | 526 | 5.6 | 0.2 | 0.6 | 440 | 1.1 | 0.0 | 0.7 | 368 | 1.3 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 9.5 | 13 | 13.0 | 0.0 |
| 12/30/09 23:30 | 2.4 | 526 | 4.4 | 0.1 | 0.6 | 439 | 1.1 | 0.0 | 1.0 | 367 | 1.8 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 10.0 | 13 | 13.7 | 0.0 |
| 12/31/09 0:00 | 2.5 | 526 | 4.6 | 0.1 | 0.4 | 440 | 0.7 | 0.0 | 1.0 | 368 | 1.8 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 7.5 | 13 | 10.1 | 0.0 |
| 12/31/09 0:30 | 2.6 | 521 | 4.8 | 0.1 | 0.8 | 436 | 1.4 | 0.0 | 1.0 | 364 | 1.8 | 0.0 | 0.6 | 257 | 1.1 | 0.0 | 9.0 | 13 | 12.3 | 0.0 |
| 12/31/09 1:00 | 2.2 | 526 | 4.0 | 0.1 | 0.4 | 439 | 0.7 | 0.0 | 1.2 | 367 | 2.2 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 9.7 | 13 | 13.3 | 0.0 |
| 12/31/09 1:30 | 3.5 | 521 | 6.5 | 0.2 | 0.6 | 436 | 1.1 | 0.0 | 1.0 | 364 | 1.8 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 9.3 | 13 | 12.7 | 0.0 |
| 12/31/09 2:00 | 3.4 | 526 | 6.3 | 0.2 | 0.8 | 438 | 1.4 | 0.0 | 0.9 | 365 | 1.6 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/31/09 2:30 | 2.5 | 515 | 4.6 | 0.1 | 1.1 | 431 | 2.0 | 0.0 | 0.7 | 360 | 1.3 | 0.0 | 0.5 | 254 | 0.9 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/31/09 3:00 | 1.6 | 515 | 2.9 | 0.1 | 0.5 | 431 | 0.9 | 0.0 | 0.9 | 360 | 1.6 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/31/09 3:30 | 2.1 | 515 | 3.9 | 0.1 | 0.8 | 430 | 1.4 | 0.0 | 0.7 | 359 | 1.3 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/31/09 4:00 | 2.8 | 510 | 5.2 | 0.1 | 0.4 | 427 | 0.7 | 0.0 | 0.6 | 357 | 1.1 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 13.0 | 13 | 18.1 | 0.0 |
| 12/31/09 4:30 | 2.4 | 510 | 4.4 | 0.1 | 0.4 | 427 | 0.7 | 0.0 | 0.6 | 357 | 1.1 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 12.0 | 13 | 16.6 | 0.0 |
| 12/31/09 5:00 | 2.0 | 504 | 3.7 | 0.1 | 0.4 | 423 | 0.7 | 0.0 | 0.6 | 354 | 1.1 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 9.9 | 13 | 13.6 | 0.0 |
| 12/31/09 5:30 | 2.2 | 504 | 4.0 | 0.1 | 0.3 | 422 | 0.5 | 0.0 | 0.7 | 353 | 1.3 | 0.0 | 0.4 | 249 | 0.7 | 0.0 | 21.0 | 13 | 30.2 | 0.0 |
| 12/31/09 6:00 | 2.1 | 510 | 3.9 | 0.1 | 0.4 | 426 | 0.7 | 0.0 | 0.6 | 355 | 1.1 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 17.0 | 13 | 24.1 | 0.0 |
| 12/31/09 6:30 | 2.5 | 510 | 4.6 | 0.1 | 0.4 | 426 | 0.7 | 0.0 | 0.7 | 355 | 1.3 | 0.0 | 0.4 | 249 | 0.7 | 0.0 | 11.0 | 13 | 15.2 | 0.0 |
| 12/31/09 7:00 | 2.2 | 510 | 4.0 | 0.1 | 0.4 | 427 | 0.7 | 0.0 | 0.6 | 357 | 1.1 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/31/09 7:30 | 2.0 | 515 | 3.7 | 0.1 | 0.4 | 430 | 0.7 | 0.0 | 0.8 | 359 | 1.4 | 0.0 | 0.3 | 252 | 0.5 | 0.0 | 14.0 | 13 | 19.6 | 0.0 |
| 12/31/09 8:00 | 2.2 | 515 | 4.0 | 0.1 | 0.5 | 431 | 0.9 | 0.0 | 0.9 | 360 | 1.6 | 0.0 | 0.4 | 254 | 0.7 | 0.0 | 17.0 | 13 | 24.1 | 0.0 |
| 12/31/09 8:30 | 3.0 | 521 | 5.6 | 0.2 | 0.5 | 436 | 0.9 | 0.0 | 0.7 | 364 | 1.3 | 0.0 | 0.4 | 257 | 0.7 | 0.0 | 15.0 | 13 | 21.1 | 0.0 |
| 12/31/09 9:00 | 2.4 | 526 | 4.4 | 0.1 | 0.6 | 440 | 1.1 | 0.0 | 1.0 | 368 | 1.8 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 15.0 | 13 | 21.1 | 0.0 |
| 12/31/09 9:30 | 3.5 | 537 | 6.5 | 0.2 | 0.6 | 450 | 1.1 | 0.0 | 1.2 | 378 | 2.2 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 26.0 | 14 | 37.8 | 0.0 |
| 12/31/09 10:00 | 2.3 | 548 | 4.2 | 0.1 | 0.7 | 459 | 1.3 | 0.0 | 1.0 | 384 | 1.8 | 0.0 | 0.4 | 272 | 0.7 | 0.0 | 46.0 | 14 | 69.4 | 0.1 |
| 12/31/09 10:30 | 2.7 | 559 | 5.0 | 0.2 | 1.2 | 470 | 2.2 | 0.1 | 1.2 | 396 | 2.2 | 0.0 | 0.4 | 283 | 0.7 | 0.0 | 57.0 | 15 | 87.1 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 12/31/09 11:00 | 2.6 | 576 | 4.8 | 0.2 | 1.8 | 488 | 3.3 | 0.1 | 1.5 | 413 | 2.7 | 0.1 | 0.6 | 302 | 1.1 | 0.0 | 130.0 | 15 | 209.1 | 0.2 |
| 12/31/09 11:30 | 3.0 | 593 | 5.6 | 0.2 | 2.5 | 508 | 4.6 | 0.1 | 2.0 | 436 | 3.7 | 0.1 | 0.5 | 327 | 0.9 | 0.0 | 320.0 | 17 | 544.2 | 0.5 |
| 12/31/09 12:00 | 3.6 | 611 | 6.7 | 0.2 | 2.6 | 533 | 4.8 | 0.1 | 2.4 | 467 | 4.4 | 0.1 | 0.5 | 368 | 0.9 | 0.0 | 750.0 | 19 | 1344.9 | 1.4 |
| 12/31/09 12:30 | 3.0 | 641 | 5.6 | 0.2 | 3.6 | 571 | 6.7 | 0.2 | 2.7 | 512 | 5.0 | 0.1 | 0.8 | 423 | 1.4 | 0.0 | 1060.0 | 21 | 1942.0 | 2.3 |
| 12/31/09 13:00 | 4.3 | 680 | 8.0 | 0.3 | 4.8 | 626 | 9.0 | 0.3 | 3.6 | 580 | 6.7 | 0.2 | 0.9 | 512 | 1.6 | 0.0 | 1060.0 | 25 | 1942.0 | 2.8 |
| 12/31/09 13:30 | 4.8 | 727 | 9.0 | 0.4 | 6.5 | 690 | 12.2 | 0.5 | 4.8 | 659 | 9.0 | 0.3 | 0.8 | 612 | 1.4 | 0.0 | 1060.0 | 30 | 1942.0 | 3.3 |
| 12/31/09 14:00 | 7.6 | 791 | 14.3 | 0.6 | 6.9 | 785 | 13.0 | 0.6 | 7.6 | 779 | 14.3 | 0.6 | 1.4 | 771 | 2.6 | 0.1 | 1060.0 | 37 | 1942.0 | 4.1 |
| 12/31/09 14:30 | 9.2 | 843 | 17.4 | 0.8 | 10.1 | 876 | 19.1 | 0.9 | 34.1 | 904 | 66.2 | 3.4 | 1.4 | 946 | 2.6 | 0.1 | 1060.0 | 45 | 1942.0 | 4.9 |
| 12/31/09 15:00 | 10.0 | 953 | 19.0 | 1.0 | 13.6 | 1028 | 25.9 | 1.5 | 73.1 | 1091 | 144.2 | 8.8 | 1.7 | 1185 | 3.1 | 0.2 | 910.0 | 56 | 1651.5 | 5.2 |
| 12/31/09 15:30 | 11.0 | 1067 | 20.9 | 1.3 | 27.7 | 1208 | 53.6 | 3.6 | 82.8 | 1327 | 163.7 | 12.2 | 1.3 | 1506 | 2.4 | 0.2 | 1060.0 | 70 | 1942.0 | 7.7 |
| 12/31/09 16:00 | 17.0 | 1258 | 32.6 | 2.3 | 67.7 | 1459 | 133.3 | 10.9 | 74.5 | 1629 | 147.0 | 13.5 | 2.4 | 1883 | 4.4 | 0.5 | 860.0 | 87 | 1555.3 | 7.6 |
| 12/31/09 16:30 | 18.0 | 1506 | 34.5 | 2.9 | 83.0 | 1748 | 164.1 | 16.1 | 76.7 | 1953 | 151.4 | 16.6 | 3.1 | 2259 | 5.7 | 0.7 | 800.0 | 103 | 1440.3 | 8.3 |
| 12/31/09 17:00 | 23.0 | 1917 | 44.3 | 4.8 | 80.1 | 2144 | 158.3 | 19.1 | 88.2 | 2334 | 174.6 | 22.9 | 3.9 | 2620 | 7.3 | 1.1 | 610.0 | 118 | 1079.9 | 7.2 |
| 12/31/09 17:30 | 29.0 | 2311 | 56.1 | 7.3 | 79.6 | 2513 | 157.3 | 22.2 | 53.9 | 2683 | 105.7 | 15.9 | 4.2 | 2939 | 7.8 | 1.3 | 510.0 | 132 | 892.9 | 6.6 |
| 12/31/09 18:00 | 33.0 | 2649 | 64.1 | 9.5 | 66.8 | 2799 | 131.5 | 20.7 | 41.0 | 2925 | 79.9 | 13.1 | 5.5 | 3114 | 10.3 | 1.8 | 480.0 | 139 | 837.2 | 6.5 |
| 12/31/09 18:30 | 56.0 | 3154 | 109.9 | 19.5 | 54.4 | 3195 | 106.7 | 19.1 | 36.6 | 3229 | 71.2 | 12.9 | 6.3 | 3281 | 11.8 | 2.2 | 320.0 | 146 | 544.2 | 4.5 |
| 12/31/09 19:00 | 74.0 | 3551 | 146.0 | 29.1 | 46.8 | 3502 | 91.5 | 18.0 | 61.7 | 3461 | 121.3 | 23.6 | 6.9 | 3400 | 13.0 | 2.5 | 270.0 | 151 | 454.4 | 3.9 |
| 12/31/09 19:30 | 71.0 | 3728 | 139.9 | 29.3 | 52.6 | 3618 | 103.1 | 21.0 | 31.2 | 3525 | 60.5 | 12.0 | 4.1 | 3386 | 7.6 | 1.5 | 240.0 | 150 | 401.0 | 3.4 |
| 12/31/09 20:00 | 76.0 | 4065 | 150.0 | 34.3 | 39.6 | 3847 | 77.1 | 16.7 | 30.7 | 3663 | 59.5 | 12.2 | 4.4 | 3386 | 8.2 | 1.6 | 240.0 | 150 | 401.0 | 3.4 |
| 12/31/09 20:30 | 61.0 | 4223 | 119.9 | 28.4 | 47.6 | 3924 | 93.1 | 20.5 | 20.7 | 3672 | 39.8 | 8.2 | 4.4 | 3294 | 8.2 | 1.5 | 160.0 | 147 | 260.7 | 2.1 |
| 12/31/09 21:00 | 57.0 | 4276 | 111.9 | 26.9 | 33.4 | 3939 | 64.8 | 14.4 | 21.9 | 3655 | 42.2 | 8.7 | 3.2 | 3229 | 5.9 | 1.1 | 130.0 | 144 | 209.1 | 1.7 |
| 12/31/09 21:30 | 56.0 | 4048 | 109.9 | 25.0 | 29.7 | 3764 | 57.5 | 12.2 | 20.4 | 3524 | 39.2 | 7.8 | 2.9 | 3164 | 5.4 | 1.0 | 120.0 | 141 | 192.0 | 1.5 |
| 12/31/09 22:00 | 51.0 | 4014 | 99.9 | 22.5 | 25.7 | 3732 | 49.6 | 10.4 | 14.2 | 3495 | 27.1 | 5.3 | 3.1 | 3139 | 5.7 | 1.0 | 130.0 | 140 | 209.1 | 1.6 |
| 12/31/09 22:30 | 46.0 | 4152 | 89.9 | 21.0 | 23.6 | 3802 | 45.5 | 9.7 | 12.8 | 3506 | 24.4 | 4.8 | 2.8 | 3063 | 5.2 | 0.9 | 140.0 | 137 | 226.2 | 1.7 |
| 12/31/09 23:00 | 42.0 | 3861 | 81.9 | 17.8 | 18.9 | 3588 | 36.3 | 7.3 | 14.2 | 3358 | 27.1 | 5.1 | 3.0 | 3013 | 5.6 | 0.9 | 110.0 | 135 | 175.1 | 1.3 |
| 12/31/09 23:30 | 39.0 | 3895 | 76.0 | 16.6 | 20.9 | 3599 | 40.2 | 8.1 | 13.2 | 3350 | 25.2 | 4.7 | 2.4 | 2976 | 4.4 | 0.7 | 97.0 | 133 | 153.2 | 1.1 |
| 1/1/10 0:00 | 32.0 | 3535 | 62.1 | 12.3 | 18.8 | 3351 | 36.1 | 6.8 | 12.0 | 3196 | 22.8 | 4.1 | 1.9 | 2964 | 3.5 | 0.6 | 100.0 | 133 | 158.2 | 1.2 |
| 1/1/10 0:30 | 28.0 | 3794 | 54.2 | 11.6 | 17.8 | 3515 | 34.1 | 6.7 | 11.0 | 3280 | 20.9 | 3.9 | 2.3 | 2927 | 4.2 | 0.7 | 95.0 | 131 | 149.8 | 1.1 |
| 1/1/10 1:00 | 27.0 | 4065 | 52.2 | 11.9 | 18.5 | 3695 | 35.5 | 7.4 | 11.9 | 3383 | 22.6 | 4.3 | 3.4 | 2915 | 6.3 | 1.0 | 120.0 | 131 | 192.0 | 1.4 |
| 1/1/10 1:30 | 26.0 | 3663 | 50.2 | 10.3 | 14.4 | 3426 | 27.5 | 5.3 | 11.8 | 3226 | 22.4 | 4.1 | 1.6 | 2927 | 2.9 | 0.5 | 84.0 | 131 | 131.5 | 1.0 |
| 1/1/10 2:00 | 24.0 | 3861 | 46.3 | 10.0 | 14.8 | 3552 | 28.3 | 5.6 | 11.8 | 3293 | 22.4 | 4.2 | 1.8 | 2903 | 3.3 | 0.5 | 80.0 | 130 | 124.8 | 0.9 |
| 1/1/10 2:30 | 26.0 | 3895 | 50.2 | 11.0 | 13.5 | 3591 | 25.7 | 5.2 | 11.1 | 3335 | 21.1 | 4.0 | 2.1 | 2951 | 3.9 | 0.6 | 74.0 | 132 | 114.9 | 0.9 |
| 1/1/10 3:00 | 22.0 | 3980 | 42.4 | 9.5 | 17.5 | 3656 | 33.5 | 6.9 | 9.2 | 3384 | 17.4 | 3.3 | 2.0 | 2976 | 3.7 | 0.6 | 180.0 | 133 | 295.4 | 2.2 |
| 1/1/10 3:30 | 22.0 | 3844 | 42.4 | 9.2 | 14.3 | 3545 | 27.3 | 5.4 | 9.2 | 3293 | 17.4 | 3.2 | 1.8 | 2915 | 3.3 | 0.5 | 320.0 | 131 | 544.2 | 4.0 |
| 1/1/10 4:00 | 21.0 | 3728 | 40.4 | 8.5 | 14.0 | 3458 | 26.7 | 5.2 | 30.2 | 3231 | 58.5 | 10.6 | 2.1 | 2891 | 3.9 | 0.6 | 220.0 | 130 | 365.6 | 2.7 |
| 1/1/10 4:30 | 22.0 | 3828 | 42.4 | 9.1 | 21.6 | 3530 | 41.6 | 8.2 | 26.9 | 3279 | 52.0 | 9.6 | 1.8 | 2903 | 3.3 | 0.5 | 130.0 | 130 | 209.1 | 1.5 |
| 1/1/10 5:00 | 21.0 | 3488 | 40.4 | 7.9 | 40.4 | 3296 | 78.7 | 14.6 | 16.3 | 3134 | 31.2 | 5.5 | 1.8 | 2891 | 3.3 | 0.5 | 97.0 | 130 | 153.2 | 1.1 |
| 1/1/10 5:30 | 20.0 | 3980 | 38.4 | 8.6 | 19.6 | 3617 | 37.7 | 7.7 | 13.7 | 3312 | 26.1 | 4.9 | 2.3 | 2854 | 4.2 | 0.7 | 110.0 | 128 | 175.1 | 1.3 |
| 1/1/10 6:00 | 23.0 | 3929 | 44.3 | 9.8 | 17.2 | 3586 | 33.0 | 6.6 | 11.7 | 3298 | 22.2 | 4.1 | 1.7 | 2866 | 3.1 | 0.5 | 80.0 | 129 | 124.8 | 0.9 |
| 1/1/10 6:30 | 21.0 | 3551 | 40.4 | 8.1 | 16.6 | 3326 | 31.8 | 5.9 | 13.2 | 3138 | 25.2 | 4.4 | 2.3 | 2854 | 4.2 | 0.7 | 71.0 | 128 | 110.0 | 0.8 |
| 1/1/10 7:00 | 35.0 | 3811 | 68.0 | 14.6 | 13.3 | 3499 | 25.4 | 5.0 | 8.9 | 3236 | 16.8 | 3.1 | 2.0 | 2842 | 3.7 | 0.6 | 76.0 | 128 | 118.2 | 0.8 |
| 1/1/10 7:30 | 26.0 | 3646 | 50.2 | 10.3 | 13.5 | 3395 | 25.7 | 4.9 | 9.4 | 3184 | 17.8 | 3.2 | 1.7 | 2866 | 3.1 | 0.5 | 66.0 | 129 | 101.8 | 0.7 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/1/10 8:00 | 21.0 | 3695 | 40.4 | 8.4 | 12.6 | 3421 | 24.0 | 4.6 | 8.9 | 3189 | 16.8 | 3.0 | 1.6 | 2842 | 2.9 | 0.5 | 110.0 | 128 | 175.1 | 1.3 |
| 1/1/10 8:30 | 19.0 | 3614 | 36.5 | 7.4 | 12.1 | 3373 | 23.0 | 4.4 | 8.7 | 3171 | 16.4 | 2.9 | 1.7 | 2866 | 3.1 | 0.5 | 88.0 | 129 | 138.1 | 1.0 |
| 1/1/10 9:00 | 18.0 | 3745 | 34.5 | 7.3 | 11.5 | 3458 | 21.9 | 4.2 | 10.2 | 3216 | 19.3 | 3.5 | 2.1 | 2854 | 3.9 | 0.6 | 55.0 | 128 | 83.9 | 0.6 |
| 1/1/10 9:30 | 16.0 | 3712 | 30.6 | 6.4 | 10.0 | 3436 | 19.0 | 3.7 | 9.5 | 3203 | 18.0 | 3.2 | 1.8 | 2854 | 3.3 | 0.5 | 57.0 | 128 | 87.1 | 0.6 |
| 1/1/10 10:00 | 18.0 | 3630 | 34.5 | 7.0 | 11.2 | 3365 | 21.3 | 4.0 | 9.7 | 3141 | 18.4 | 3.2 | 1.6 | 2806 | 2.9 | 0.5 | 51.0 | 126 | 77.4 | 0.5 |
| 1/1/10 10:30 | 16.0 | 3551 | 30.6 | 6.1 | 10.1 | 3307 | 19.1 | 3.6 | 8.1 | 3102 | 15.3 | 2.7 | 1.8 | 2795 | 3.3 | 0.5 | 53.0 | 126 | 80.6 | 0.6 |
| 1/1/10 11:00 | 15.0 | 3761 | 28.7 | 6.1 | 10.3 | 3450 | 19.5 | 3.8 | 7.8 | 3188 | 14.7 | 2.6 | 2.1 | 2795 | 3.9 | 0.6 | 53.0 | 126 | 80.6 | 0.6 |
| 1/1/10 11:30 | 18.0 | 3663 | 34.5 | 7.1 | 9.5 | 3372 | 18.0 | 3.4 | 8.1 | 3127 | 15.3 | 2.7 | 1.5 | 2759 | 2.7 | 0.4 | 47.0 | 124 | 71.0 | 0.5 |
| 1/1/10 12:00 | 16.0 | 3614 | 30.6 | 6.2 | 9.8 | 3335 | 18.6 | 3.5 | 8.6 | 3100 | 16.3 | 2.8 | 2.0 | 2747 | 3.7 | 0.6 | 50.0 | 124 | 75.8 | 0.5 |
| 1/1/10 12:30 | 14.0 | 3364 | 26.7 | 5.1 | 9.5 | 3143 | 18.0 | 3.2 | 7.0 | 2957 | 13.2 | 2.2 | 2.2 | 2677 | 4.0 | 0.6 | 47.0 | 121 | 71.0 | 0.5 |
| 1/1/10 13:00 | 13.0 | 3519 | 24.8 | 4.9 | 10.6 | 3241 | 20.1 | 3.7 | 8.7 | 3006 | 16.4 | 2.8 | 1.7 | 2654 | 3.1 | 0.5 | 42.0 | 120 | 63.0 | 0.4 |
| 1/1/10 13:30 | 14.0 | 3472 | 26.7 | 5.2 | 8.9 | 3202 | 16.8 | 3.0 | 8.4 | 2973 | 15.9 | 2.7 | 1.8 | 2631 | 3.3 | 0.5 | 42.0 | 119 | 63.0 | 0.4 |
| 1/1/10 14:00 | 12.0 | 3441 | 22.8 | 4.4 | 12.1 | 3181 | 23.0 | 4.1 | 9.0 | 2961 | 17.0 | 2.8 | 1.5 | 2631 | 2.7 | 0.4 | 43.0 | 119 | 64.6 | 0.4 |
| 1/1/10 14:30 | 13.0 | 3472 | 24.8 | 4.8 | 8.1 | 3194 | 15.3 | 2.7 | 13.9 | 2960 | 26.5 | 4.4 | 1.6 | 2608 | 2.9 | 0.4 | 51.0 | 118 | 77.4 | 0.5 |
| 1/1/10 15:00 | 12.0 | 3551 | 22.8 | 4.6 | 7.6 | 3244 | 14.3 | 2.6 | 5.9 | 2985 | 11.1 | 1.9 | 4.8 | 2597 | 9.0 | 1.3 | 46.0 | 117 | 69.4 | 0.5 |
| 1/1/10 15:30 | 11.0 | 3519 | 20.9 | 4.1 | 10.0 | 3204 | 19.0 | 3.4 | 6.8 | 2939 | 12.8 | 2.1 | 1.5 | 2541 | 2.7 | 0.4 | 43.0 | 115 | 64.6 | 0.4 |
| 1/1/10 16:00 | 12.0 | 3519 | 22.8 | 4.5 | 9.4 | 3211 | 17.8 | 3.2 | 8.0 | 2952 | 15.1 | 2.5 | 2.1 | 2563 | 3.9 | 0.6 | 49.0 | 116 | 74.2 | 0.5 |
| 1/1/10 16:30 | 11.0 | 3457 | 20.9 | 4.1 | 8.0 | 3155 | 15.1 | 2.7 | 9.2 | 2900 | 17.4 | 2.8 | 1.4 | 2518 | 2.6 | 0.4 | 59.0 | 114 | 90.3 | 0.6 |
| 1/1/10 17:00 | 11.0 | 3426 | 20.9 | 4.0 | 7.9 | 3134 | 14.9 | 2.6 | 6.3 | 2888 | 11.8 | 1.9 | 1.5 | 2518 | 2.7 | 0.4 | 58.0 | 114 | 88.7 | 0.6 |
| 1/1/10 17:30 | 11.0 | 3441 | 20.9 | 4.0 | 8.1 | 3148 | 15.3 | 2.7 | 7.2 | 2900 | 13.6 | 2.2 | 1.6 | 2529 | 2.9 | 0.4 | 42.0 | 114 | 63.0 | 0.4 |
| 1/1/10 18:00 | 10.0 | 3349 | 19.0 | 3.6 | 7.4 | 3085 | 13.9 | 2.4 | 6.6 | 2863 | 12.4 | 2.0 | 1.2 | 2529 | 2.2 | 0.3 | 39.0 | 114 | 58.2 | 0.4 |
| 1/1/10 18:30 | 10.0 | 3334 | 19.0 | 3.6 | 7.8 | 3075 | 14.7 | 2.5 | 6.9 | 2857 | 13.0 | 2.1 | 1.3 | 2529 | 2.4 | 0.3 | 34.0 | 114 | 50.3 | 0.3 |
| 1/1/10 19:00 | 10.0 | 3184 | 19.0 | 3.4 | 7.3 | 2973 | 13.7 | 2.3 | 5.7 | 2796 | 10.7 | 1.7 | 1.3 | 2529 | 2.4 | 0.3 | 37.0 | 114 | 55.0 | 0.4 |
| 1/1/10 19:30 | 11.0 | 3243 | 20.9 | 3.8 | 7.3 | 3010 | 13.7 | 2.3 | 5.3 | 2813 | 9.9 | 1.6 | 1.7 | 2518 | 3.1 | 0.4 | 47.0 | 114 | 71.0 | 0.5 |
| 1/1/10 20:00 | 10.0 | 3426 | 19.0 | 3.6 | 6.8 | 3134 | 12.8 | 2.3 | 6.6 | 2888 | 12.4 | 2.0 | 1.6 | 2518 | 2.9 | 0.4 | 92.0 | 114 | 144.8 | 0.9 |
| 1/1/10 20:30 | 9.9 | 3243 | 18.8 | 3.4 | 8.3 | 3024 | 15.7 | 2.7 | 14.7 | 2840 | 28.1 | 4.5 | 1.8 | 2563 | 3.3 | 0.5 | 96.0 | 116 | 151.5 | 1.0 |
| 1/1/10 21:00 | 9.6 | 3410 | 18.2 | 3.5 | 6.7 | 3152 | 12.6 | 2.2 | 7.9 | 2935 | 14.9 | 2.5 | 1.5 | 2608 | 2.7 | 0.4 | 56.0 | 118 | 85.5 | 0.6 |
| 1/1/10 21:30 | 9.1 | 3319 | 17.2 | 3.2 | 7.2 | 3108 | 13.6 | 2.4 | 15.0 | 2931 | 28.7 | 4.7 | 1.5 | 2666 | 2.7 | 0.4 | 51.0 | 120 | 77.4 | 0.5 |
| 1/1/10 22:00 | 9.8 | 3273 | 18.6 | 3.4 | 9.0 | 3100 | 17.0 | 3.0 | 9.6 | 2954 | 18.2 | 3.0 | 1.4 | 2736 | 2.6 | 0.4 | 89.0 | 123 | 139.8 | 1.0 |
| 1/1/10 22:30 | 8.6 | 3303 | 16.3 | 3.0 | 8.3 | 3128 | 15.7 | 2.8 | 6.3 | 2981 | 11.8 | 2.0 | 1.9 | 2759 | 3.5 | 0.5 | 42.0 | 124 | 63.0 | 0.4 |
| 1/1/10 23:00 | 8.7 | 3273 | 16.4 | 3.0 | 7.8 | 3123 | 14.7 | 2.6 | 8.1 | 2996 | 15.3 | 2.6 | 1.9 | 2806 | 3.5 | 0.5 | 36.0 | 126 | 53.5 | 0.4 |
| 1/1/10 23:30 | 9.7 | 3303 | 18.4 | 3.4 | 8.5 | 3143 | 16.1 | 2.8 | 10.8 | 3009 | 20.5 | 3.5 | 2.2 | 2806 | 4.0 | 0.6 | 33.0 | 126 | 48.7 | 0.3 |
| 1/2/10 0:00 | 11.0 | 3334 | 20.9 | 3.9 | 8.2 | 3137 | 15.5 | 2.7 | 6.2 | 2972 | 11.6 | 1.9 | 1.7 | 2724 | 3.1 | 0.5 | 47.0 | 123 | 71.0 | 0.5 |
| 1/2/10 0:30 | 12.0 | 3457 | 22.8 | 4.4 | 7.9 | 3228 | 14.9 | 2.7 | 6.5 | 3036 | 12.2 | 2.1 | 1.9 | 2747 | 3.5 | 0.5 | 40.0 | 124 | 59.8 | 0.4 |
| 1/2/10 1:00 | 14.0 | 3426 | 26.7 | 5.1 | 7.2 | 3204 | 13.6 | 2.4 | 6.2 | 3016 | 11.6 | 2.0 | 1.9 | 2736 | 3.5 | 0.5 | 47.0 | 123 | 71.0 | 0.5 |
| 1/2/10 1:30 | 10.0 | 3426 | 19.0 | 3.6 | 9.5 | 3200 | 18.0 | 3.2 | 6.9 | 3009 | 13.0 | 2.2 | 1.9 | 2724 | 3.5 | 0.5 | 50.0 | 123 | 75.8 | 0.5 |
| 1/2/10 2:00 | 11.0 | 3551 | 20.9 | 4.2 | 7.3 | 3266 | 13.7 | 2.5 | 10.2 | 3026 | 19.3 | 3.3 | 1.7 | 2666 | 3.1 | 0.5 | 41.0 | 120 | 61.4 | 0.4 |
| 1/2/10 2:30 | 9.2 | 3457 | 17.4 | 3.4 | 6.9 | 3198 | 13.0 | 2.3 | 13.5 | 2981 | 25.7 | 4.3 | 2.1 | 2654 | 3.9 | 0.6 | 32.0 | 120 | 47.2 | 0.3 |
| 1/2/10 3:00 | 13.0 | 3395 | 24.8 | 4.7 | 7.5 | 3138 | 14.1 | 2.5 | 6.3 | 2922 | 11.8 | 1.9 | 1.7 | 2597 | 3.1 | 0.5 | 42.0 | 117 | 63.0 | 0.4 |
| 1/2/10 3:30 | 9.4 | 3288 | 17.8 | 3.3 | 8.1 | 3055 | 15.3 | 2.6 | 5.9 | 2858 | 11.1 | 1.8 | 1.5 | 2563 | 2.7 | 0.4 | 66.0 | 116 | 101.8 | 0.7 |
| 1/2/10 4:00 | 10.0 | 3364 | 19.0 | 3.6 | 7.5 | 3092 | 14.1 | 2.5 | 21.6 | 2862 | 41.6 | 6.7 | 2.5 | 2518 | 4.6 | 0.7 | 30.0 | 114 | 44.0 | 0.3 |
| 1/2/10 4:30 | 9.9 | 3334 | 18.8 | 3.5 | 7.2 | 3057 | 13.6 | 2.3 | 6.0 | 2824 | 11.3 | 1.8 | 1.3 | 2474 | 2.4 | 0.3 | 28.0 | 112 | 40.9 | 0.3 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow (ft³/s) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow (ft³/s) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow (ft³/s) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow (ft³/s) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow (ft³/s) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2/10 5:00 | 9.1 | 3410 | 17.2 | 3.3 | 6.2 | 3095 | 11.6 | 2.0 | 8.8 | 2829 | 16.6 | 2.6 | 1.6 | 2430 | 2.9 | 0.4 | 32.0 | 110 | 47.2 | 0.3 |
| 1/2/10 5:30 | 9.6 | 3319 | 18.2 | 3.4 | 6.2 | 3022 | 11.6 | 2.0 | 6.8 | 2772 | 12.8 | 2.0 | 1.4 | 2397 | 2.6 | 0.3 | 31.0 | 109 | 45.6 | 0.3 |
| 1/2/10 6:00 | 9.3 | 3273 | 17.6 | 3.2 | 5.7 | 2974 | 10.7 | 1.8 | 4.8 | 2722 | 9.0 | 1.4 | 1.7 | 2344 | 3.1 | 0.4 | 29.0 | 106 | 42.5 | 0.3 |
| 1/2/10 6:30 | 11.0 | 3243 | 20.9 | 3.8 | 5.7 | 2936 | 10.7 | 1.8 | 6.2 | 2678 | 11.6 | 1.8 | 1.2 | 2291 | 2.2 | 0.3 | 41.0 | 104 | 61.4 | 0.4 |
| 1/2/10 7:00 | 8.4 | 3124 | 15.9 | 2.8 | 5.3 | 2853 | 9.9 | 1.6 | 6.0 | 2624 | 11.3 | 1.7 | 1.1 | 2280 | 2.0 | 0.3 | 65.0 | 104 | 100.1 | 0.6 |
| 1/2/10 7:30 | 8.5 | 2994 | 16.1 | 2.7 | 6.1 | 2750 | 11.4 | 1.8 | 6.0 | 2546 | 11.3 | 1.6 | 1.2 | 2238 | 2.2 | 0.3 | 32.0 | 102 | 47.2 | 0.3 |
| 1/2/10 8:00 | 8.0 | 3154 | 15.1 | 2.7 | 5.7 | 2846 | 10.7 | 1.7 | 6.3 | 2586 | 11.8 | 1.7 | 1.3 | 2197 | 2.4 | 0.3 | 30.0 | 100 | 44.0 | 0.2 |
| 1/2/10 8:30 | 9.7 | 3095 | 18.4 | 3.2 | 5.5 | 2796 | 10.3 | 1.6 | 5.4 | 2544 | 10.1 | 1.4 | 1.0 | 2166 | 1.8 | 0.2 | 28.0 | 99 | 40.9 | 0.2 |
| 1/2/10 9:00 | 7.8 | 2965 | 14.7 | 2.5 | 6.4 | 2692 | 12.0 | 1.8 | 5.1 | 2461 | 9.5 | 1.3 | 1.2 | 2116 | 2.2 | 0.3 | 25.0 | 97 | 36.3 | 0.2 |
| 1/2/10 9:30 | 7.9 | 2994 | 14.9 | 2.5 | 5.7 | 2698 | 10.7 | 1.6 | 4.5 | 2449 | 8.4 | 1.2 | 1.2 | 2076 | 2.2 | 0.3 | 28.0 | 95 | 40.9 | 0.2 |
| 1/2/10 10:00 | 8.3 | 2994 | 15.7 | 2.6 | 5.5 | 2682 | 10.3 | 1.6 | 5.4 | 2420 | 10.1 | 1.4 | 1.3 | 2026 | 2.4 | 0.3 | 26.0 | 93 | 37.8 | 0.2 |
| 1/2/10 10:30 | 8.5 | 2937 | 16.1 | 2.7 | 7.7 | 2643 | 14.5 | 2.2 | 4.8 | 2397 | 9.0 | 1.2 | 1.2 | 2026 | 2.2 | 0.2 | 24.0 | 93 | 34.8 | 0.2 |
| 1/2/10 11:00 | 8.7 | 2937 | 16.4 | 2.7 | 5.1 | 2628 | 9.5 | 1.4 | 4.5 | 2368 | 8.4 | 1.1 | 1.0 | 1978 | 1.8 | 0.2 | 28.0 | 91 | 40.9 | 0.2 |
| 1/2/10 11:30 | 7.5 | 2763 | 14.1 | 2.2 | 5.5 | 2498 | 10.3 | 1.4 | 4.1 | 2275 | 7.6 | 1.0 | 0.9 | 1940 | 1.6 | 0.2 | 31.0 | 89 | 45.6 | 0.2 |
| 1/2/10 12:00 | 7.3 | 2821 | 13.7 | 2.2 | 4.2 | 2531 | 7.8 | 1.1 | 5.7 | 2287 | 10.7 | 1.4 | 0.9 | 1920 | 1.6 | 0.2 | 150.0 | 88 | 243.4 | 1.2 |
| 1/2/10 12:30 | 10.0 | 2706 | 19.0 | 2.9 | 4.6 | 2438 | 8.6 | 1.2 | 4.3 | 2212 | 8.0 | 1.0 | 0.9 | 1873 | 1.6 | 0.2 | 46.0 | 86 | 69.4 | 0.3 |
| 1/2/10 13:00 | 6.9 | 2851 | 13.0 | 2.1 | 5.6 | 2527 | 10.5 | 1.5 | 4.5 | 2254 | 8.4 | 1.1 | 1.0 | 1846 | 1.8 | 0.2 | 33.0 | 85 | 48.7 | 0.2 |
| 1/2/10 13:30 | 7.1 | 2593 | 13.4 | 1.9 | 4.3 | 2347 | 8.0 | 1.1 | 6.4 | 2139 | 12.0 | 1.4 | 0.9 | 1827 | 1.6 | 0.2 | 25.0 | 84 | 36.3 | 0.2 |
| 1/2/10 14:00 | 6.5 | 2635 | 12.2 | 1.8 | 5.2 | 2363 | 9.7 | 1.3 | 5.1 | 2134 | 9.5 | 1.1 | 1.1 | 1791 | 2.0 | 0.2 | 22.0 | 83 | 31.7 | 0.1 |
| 1/2/10 14:30 | 6.2 | 2593 | 11.6 | 1.7 | 5.8 | 2326 | 10.9 | 1.4 | 4.3 | 2101 | 8.0 | 0.9 | 0.9 | 1763 | 1.6 | 0.2 | 22.0 | 81 | 31.7 | 0.1 |
| 1/2/10 15:00 | 6.5 | 2749 | 12.2 | 1.9 | 4.5 | 2429 | 8.4 | 1.1 | 4.0 | 2159 | 7.4 | 0.9 | 0.8 | 1754 | 1.4 | 0.1 | 21.0 | 81 | 30.2 | 0.1 |
| 1/2/10 15:30 | 5.5 | 2663 | 10.3 | 1.5 | 4.2 | 2362 | 7.8 | 1.0 | 3.7 | 2108 | 6.9 | 0.8 | 0.7 | 1728 | 1.3 | 0.1 | 52.0 | 80 | 79.0 | 0.4 |
| 1/2/10 16:00 | 5.9 | 2607 | 11.1 | 1.6 | 3.3 | 2310 | 6.1 | 0.8 | 3.6 | 2059 | 6.7 | 0.8 | 0.7 | 1683 | 1.3 | 0.1 | 24.0 | 78 | 34.8 | 0.2 |
| 1/2/10 16:30 | 6.2 | 2607 | 11.6 | 1.7 | 3.9 | 2299 | 7.3 | 0.9 | 3.9 | 2039 | 7.3 | 0.8 | 0.8 | 1649 | 1.4 | 0.1 | 36.0 | 76 | 53.5 | 0.2 |
| 1/2/10 17:00 | 7.3 | 2593 | 13.7 | 2.0 | 3.4 | 2286 | 6.3 | 0.8 | 4.0 | 2028 | 7.4 | 0.8 | 0.7 | 1640 | 1.3 | 0.1 | 26.0 | 76 | 37.8 | 0.2 |
| 1/2/10 17:30 | 6.0 | 2416 | 11.3 | 1.5 | 4.1 | 2163 | 7.6 | 0.9 | 4.2 | 1951 | 7.8 | 0.9 | 0.8 | 1631 | 1.4 | 0.1 | 29.0 | 76 | 42.5 | 0.2 |
| 1/2/10 18:00 | 5.7 | 2443 | 10.7 | 1.5 | 3.5 | 2173 | 6.5 | 0.8 | 3.5 | 1946 | 6.5 | 0.7 | 1.0 | 1606 | 1.8 | 0.2 | 140.0 | 75 | 226.2 | 0.9 |
| 1/2/10 18:30 | 4.7 | 2416 | 8.8 | 1.2 | 4.2 | 2144 | 7.8 | 0.9 | 3.5 | 1915 | 6.5 | 0.7 | 0.8 | 1572 | 1.4 | 0.1 | 65.0 | 73 | 100.1 | 0.4 |
| 1/2/10 19:00 | 5.6 | 2376 | 10.5 | 1.4 | 3.4 | 2112 | 6.3 | 0.7 | 3.5 | 1889 | 6.5 | 0.7 | 0.6 | 1555 | 1.1 | 0.1 | 50.0 | 72 | 75.8 | 0.3 |
| 1/2/10 19:30 | 5.5 | 2376 | 10.3 | 1.4 | 4.6 | 2106 | 8.6 | 1.0 | 6.0 | 1879 | 11.3 | 1.2 | 1.0 | 1539 | 1.8 | 0.2 | 26.0 | 72 | 37.8 | 0.2 |
| 1/2/10 20:00 | 4.9 | 2337 | 9.2 | 1.2 | 3.9 | 2069 | 7.3 | 0.8 | 5.2 | 1844 | 9.7 | 1.0 | 0.7 | 1506 | 1.3 | 0.1 | 41.0 | 70 | 61.4 | 0.2 |
| 1/2/10 20:30 | 5.1 | 2298 | 9.5 | 1.2 | 5.1 | 2035 | 9.5 | 1.1 | 4.0 | 1813 | 7.4 | 0.8 | 1.1 | 1481 | 2.0 | 0.2 | 37.0 | 69 | 55.0 | 0.2 |
| 1/2/10 21:00 | 4.7 | 2298 | 8.8 | 1.1 | 4.5 | 2029 | 8.4 | 1.0 | 3.5 | 1804 | 6.5 | 0.7 | 0.7 | 1465 | 1.3 | 0.1 | 29.0 | 68 | 42.5 | 0.2 |
| 1/2/10 21:30 | 4.8 | 2337 | 9.0 | 1.2 | 3.2 | 2048 | 5.9 | 0.7 | 3.7 | 1805 | 6.9 | 0.7 | 0.6 | 1441 | 1.1 | 0.1 | 21.0 | 67 | 30.2 | 0.1 |
| 1/2/10 22:00 | 4.9 | 2259 | 9.2 | 1.2 | 3.9 | 1988 | 7.3 | 0.8 | 3.5 | 1759 | 6.5 | 0.6 | 0.7 | 1417 | 1.3 | 0.1 | 31.0 | 66 | 45.6 | 0.2 |
| 1/2/10 22:30 | 5.1 | 2324 | 9.5 | 1.2 | 4.3 | 2024 | 8.0 | 0.9 | 4.0 | 1772 | 7.4 | 0.7 | 0.6 | 1394 | 1.1 | 0.1 | 42.0 | 65 | 63.0 | 0.2 |
| 1/2/10 23:00 | 6.4 | 2324 | 12.0 | 1.6 | 3.4 | 2022 | 6.3 | 0.7 | 3.0 | 1767 | 5.6 | 0.6 | 1.3 | 1386 | 2.4 | 0.2 | 32.0 | 65 | 47.2 | 0.2 |
| 1/2/10 23:30 | 5.5 | 2208 | 10.3 | 1.3 | 2.9 | 1933 | 5.4 | 0.6 | 3.2 | 1702 | 5.9 | 0.6 | 0.7 | 1355 | 1.3 | 0.1 | 23.0 | 64 | 33.2 | 0.1 |
| 1/3/10 0:00 | 5.3 | 2220 | 9.9 | 1.2 | 2.6 | 1939 | 4.8 | 0.5 | 3.6 | 1702 | 6.7 | 0.6 | 0.8 | 1347 | 1.4 | 0.1 | 26.0 | 63 | 37.8 | 0.1 |
| 1/3/10 0:30 | 5.8 | 2195 | 10.9 | 1.3 | 3.2 | 1912 | 5.9 | 0.6 | 3.3 | 1674 | 6.1 | 0.6 | 0.6 | 1317 | 1.1 | 0.1 | 26.0 | 62 | 37.8 | 0.1 |
| 1/3/10 1:00 | 4.8 | 2106 | 9.0 | 1.1 | 3.2 | 1851 | 5.9 | 0.6 | 3.5 | 1638 | 6.5 | 0.6 | 0.6 | 1317 | 1.1 | 0.1 | 20.0 | 62 | 28.6 | 0.1 |
| 1/3/10 1:30 | 5.0 | 2169 | 9.3 | 1.1 | 2.6 | 1885 | 4.8 | 0.5 | 3.0 | 1646 | 5.6 | 0.5 | 0.6 | 1287 | 1.1 | 0.1 | 22.0 | 61 | 31.7 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/3/10 2:00 | 3.8 | 2131 | 7.1 | 0.8 | 2.8 | 1857 | 5.2 | 0.5 | 3.1 | 1626 | 5.7 | 0.5 | 0.5 | 1279 | 0.9 | 0.1 | 23.0 | 60 | 33.2 | 0.1 |
| 1/3/10 2:30 | 4.4 | 2106 | 8.2 | 1.0 | 2.5 | 1832 | 4.6 | 0.5 | 3.0 | 1602 | 5.6 | 0.5 | 0.9 | 1257 | 1.6 | 0.1 | 28.0 | 59 | 40.9 | 0.1 |
| 1/3/10 3:00 | 4.1 | 2031 | 7.6 | 0.9 | 2.6 | 1781 | 4.8 | 0.5 | 2.7 | 1572 | 5.0 | 0.4 | 0.5 | 1257 | 0.9 | 0.1 | 28.0 | 59 | 40.9 | 0.1 |
| 1/3/10 3:30 | 4.4 | 2043 | 8.2 | 0.9 | 2.4 | 1783 | 4.4 | 0.4 | 2.7 | 1564 | 5.0 | 0.4 | 0.7 | 1235 | 1.3 | 0.1 | 24.0 | 58 | 34.8 | 0.1 |
| 1/3/10 4:00 | 4.3 | 2018 | 8.0 | 0.9 | 2.9 | 1759 | 5.4 | 0.5 | 3.2 | 1541 | 5.9 | 0.5 | 0.6 | 1213 | 1.1 | 0.1 | 24.0 | 57 | 34.8 | 0.1 |
| 1/3/10 4:30 | 3.8 | 1981 | 7.1 | 0.8 | 3.0 | 1732 | 5.6 | 0.5 | 3.6 | 1522 | 6.7 | 0.6 | 0.6 | 1206 | 1.1 | 0.1 | 34.0 | 57 | 50.3 | 0.2 |
| 1/3/10 5:00 | 3.8 | 1969 | 7.1 | 0.8 | 2.6 | 1719 | 4.8 | 0.5 | 3.0 | 1508 | 5.6 | 0.5 | 0.6 | 1192 | 1.1 | 0.1 | 25.0 | 56 | 36.3 | 0.1 |
| 1/3/10 5:30 | 3.5 | 1931 | 6.5 | 0.7 | 2.4 | 1684 | 4.4 | 0.4 | 2.9 | 1476 | 5.4 | 0.4 | 0.6 | 1164 | 1.1 | 0.1 | 17.0 | 55 | 24.1 | 0.1 |
| 1/3/10 6:00 | 3.8 | 2006 | 7.1 | 0.8 | 2.5 | 1730 | 4.6 | 0.4 | 2.7 | 1498 | 5.0 | 0.4 | 0.6 | 1150 | 1.1 | 0.1 | 16.0 | 54 | 22.6 | 0.1 |
| 1/3/10 6:30 | 3.6 | 1890 | 6.7 | 0.7 | 2.5 | 1652 | 4.6 | 0.4 | 4.1 | 1451 | 7.6 | 0.6 | 0.7 | 1150 | 1.3 | 0.1 | 18.0 | 54 | 25.6 | 0.1 |
| 1/3/10 7:00 | 4.0 | 1876 | 7.4 | 0.8 | 2.7 | 1638 | 5.0 | 0.5 | 2.8 | 1437 | 5.2 | 0.4 | 0.5 | 1136 | 0.9 | 0.1 | 21.0 | 54 | 30.2 | 0.1 |
| 1/3/10 7:30 | 3.7 | 1904 | 6.9 | 0.7 | 2.8 | 1645 | 5.2 | 0.5 | 2.7 | 1428 | 5.0 | 0.4 | 0.6 | 1102 | 1.1 | 0.1 | 20.0 | 52 | 28.6 | 0.1 |
| 1/3/10 8:00 | 3.5 | 1836 | 6.5 | 0.7 | 2.1 | 1600 | 3.9 | 0.3 | 2.7 | 1400 | 5.0 | 0.4 | 0.6 | 1102 | 1.1 | 0.1 | 16.0 | 52 | 22.6 | 0.1 |
| 1/3/10 8:30 | 3.7 | 1823 | 6.9 | 0.7 | 2.3 | 1588 | 4.2 | 0.4 | 2.5 | 1391 | 4.6 | 0.4 | 0.6 | 1095 | 1.1 | 0.1 | 18.0 | 52 | 25.6 | 0.1 |
| 1/3/10 9:00 | 3.5 | 1783 | 6.5 | 0.7 | 2.0 | 1553 | 3.7 | 0.3 | 2.4 | 1359 | 4.4 | 0.3 | 0.5 | 1068 | 0.9 | 0.1 | 20.0 | 51 | 28.6 | 0.1 |
| 1/3/10 9:30 | 3.3 | 1757 | 6.1 | 0.6 | 2.8 | 1533 | 5.2 | 0.4 | 2.9 | 1344 | 5.4 | 0.4 | 0.6 | 1061 | 1.1 | 0.1 | 20.0 | 50 | 28.6 | 0.1 |
| 1/3/10 10:00 | 3.3 | 1783 | 6.1 | 0.6 | 2.1 | 1551 | 3.9 | 0.3 | 2.5 | 1355 | 4.6 | 0.4 | 0.7 | 1061 | 1.3 | 0.1 | 26.0 | 50 | 37.8 | 0.1 |
| 1/3/10 10:30 | 3.5 | 1693 | 6.5 | 0.6 | 1.8 | 1481 | 3.3 | 0.3 | 2.3 | 1302 | 4.2 | 0.3 | 0.6 | 1035 | 1.1 | 0.1 | 19.0 | 49 | 27.1 | 0.1 |
| 1/3/10 11:00 | 3.7 | 1757 | 6.9 | 0.7 | 2.1 | 1524 | 3.9 | 0.3 | 2.3 | 1329 | 4.2 | 0.3 | 0.6 | 1035 | 1.1 | 0.1 | 13.0 | 49 | 18.1 | 0.1 |
| 1/3/10 11:30 | 3.2 | 1705 | 5.9 | 0.6 | 1.7 | 1485 | 3.1 | 0.3 | 2.5 | 1300 | 4.6 | 0.3 | 0.6 | 1022 | 1.1 | 0.1 | 15.0 | 49 | 21.1 | 0.1 |
| 1/3/10 12:00 | 4.3 | 1693 | 8.0 | 0.8 | 2.1 | 1472 | 3.9 | 0.3 | 2.7 | 1287 | 5.0 | 0.4 | 0.7 | 1009 | 1.3 | 0.1 | 17.0 | 48 | 24.1 | 0.1 |
| 1/3/10 12:30 | 3.2 | 1718 | 5.9 | 0.6 | 2.0 | 1486 | 3.7 | 0.3 | 2.5 | 1290 | 4.6 | 0.3 | 0.6 | 996 | 1.1 | 0.1 | 15.0 | 48 | 21.1 | 0.1 |
| 1/3/10 13:00 | 3.0 | 1654 | 5.6 | 0.5 | 2.3 | 1438 | 4.2 | 0.3 | 2.4 | 1256 | 4.4 | 0.3 | 0.6 | 983 | 1.1 | 0.1 | 20.0 | 47 | 28.6 | 0.1 |
| 1/3/10 13:30 | 3.0 | 1667 | 5.6 | 0.5 | 1.6 | 1443 | 2.9 | 0.2 | 3.2 | 1254 | 5.9 | 0.4 | 0.4 | 971 | 0.7 | 0.0 | 23.0 | 46 | 33.2 | 0.1 |
| 1/3/10 14:00 | 2.9 | 1629 | 5.4 | 0.5 | 1.7 | 1413 | 3.1 | 0.2 | 2.2 | 1231 | 4.0 | 0.3 | 0.6 | 958 | 1.1 | 0.1 | 19.0 | 46 | 27.1 | 0.1 |
| 1/3/10 14:30 | 3.0 | 1654 | 5.6 | 0.5 | 1.6 | 1432 | 2.9 | 0.2 | 3.0 | 1245 | 5.6 | 0.4 | 0.5 | 964 | 0.9 | 0.0 | 19.0 | 46 | 27.1 | 0.1 |
| 1/3/10 15:00 | 2.6 | 1629 | 4.8 | 0.4 | 1.8 | 1411 | 3.3 | 0.3 | 3.2 | 1227 | 5.9 | 0.4 | 0.6 | 952 | 1.1 | 0.1 | 23.0 | 46 | 33.2 | 0.1 |
| 1/3/10 15:30 | 2.9 | 1591 | 5.4 | 0.5 | 1.8 | 1382 | 3.3 | 0.3 | 3.0 | 1205 | 5.6 | 0.4 | 0.5 | 940 | 0.9 | 0.0 | 26.0 | 45 | 37.8 | 0.1 |
| 1/3/10 16:00 | 3.9 | 1591 | 7.3 | 0.6 | 2.3 | 1378 | 4.2 | 0.3 | 2.2 | 1197 | 4.0 | 0.3 | 0.4 | 927 | 0.7 | 0.0 | 17.0 | 44 | 24.1 | 0.1 |
| 1/3/10 16:30 | 2.6 | 1591 | 4.8 | 0.4 | 2.2 | 1374 | 4.0 | 0.3 | 3.6 | 1190 | 6.7 | 0.4 | 0.4 | 915 | 0.7 | 0.0 | 14.0 | 44 | 19.6 | 0.0 |
| 1/3/10 17:00 | 2.8 | 1567 | 5.2 | 0.5 | 1.7 | 1359 | 3.1 | 0.2 | 2.4 | 1184 | 4.4 | 0.3 | 0.5 | 921 | 0.9 | 0.0 | 16.0 | 44 | 22.6 | 0.1 |
| 1/3/10 17:30 | 3.4 | 1579 | 6.3 | 0.6 | 1.7 | 1363 | 3.1 | 0.2 | 2.2 | 1182 | 4.0 | 0.3 | 1.0 | 909 | 1.8 | 0.1 | 21.0 | 44 | 30.2 | 0.1 |
| 1/3/10 18:00 | 2.9 | 1530 | 5.4 | 0.5 | 2.0 | 1324 | 3.7 | 0.3 | 2.0 | 1151 | 3.7 | 0.2 | 0.5 | 891 | 0.9 | 0.0 | 21.0 | 43 | 30.2 | 0.1 |
| 1/3/10 18:30 | 2.8 | 1506 | 5.2 | 0.4 | 1.5 | 1308 | 2.7 | 0.2 | 2.1 | 1141 | 3.9 | 0.2 | 0.4 | 891 | 0.7 | 0.0 | 29.0 | 43 | 42.5 | 0.1 |
| 1/3/10 19:00 | 2.8 | 1530 | 5.2 | 0.4 | 2.6 | 1320 | 4.8 | 0.4 | 2.0 | 1144 | 3.7 | 0.2 | 0.5 | 879 | 0.9 | 0.0 | 36.0 | 42 | 53.5 | 0.1 |
| 1/3/10 19:30 | 2.7 | 1506 | 5.0 | 0.4 | 1.7 | 1302 | 3.1 | 0.2 | 1.9 | 1131 | 3.5 | 0.2 | 0.5 | 873 | 0.9 | 0.0 | 28.0 | 42 | 40.9 | 0.1 |
| 1/3/10 20:00 | 2.8 | 1506 | 5.2 | 0.4 | 1.8 | 1302 | 3.3 | 0.2 | 2.1 | 1131 | 3.9 | 0.2 | 0.4 | 873 | 0.7 | 0.0 | 29.0 | 42 | 42.5 | 0.1 |
| 1/3/10 20:30 | 2.6 | 1470 | 4.8 | 0.4 | 1.7 | 1278 | 3.1 | 0.2 | 2.5 | 1116 | 4.6 | 0.3 | 0.5 | 873 | 0.9 | 0.0 | 29.0 | 42 | 42.5 | 0.1 |
| 1/3/10 21:00 | 2.7 | 1494 | 5.0 | 0.4 | 1.8 | 1287 | 3.3 | 0.2 | 2.7 | 1112 | 5.0 | 0.3 | 0.6 | 850 | 1.1 | 0.1 | 19.0 | 41 | 27.1 | 0.1 |
| 1/3/10 21:30 | 2.7 | 1458 | 5.0 | 0.4 | 2.0 | 1259 | 3.7 | 0.3 | 2.8 | 1090 | 5.2 | 0.3 | 0.4 | 838 | 0.7 | 0.0 | 18.0 | 40 | 25.6 | 0.1 |
| 1/3/10 22:00 | 2.8 | 1447 | 5.2 | 0.4 | 2.0 | 1254 | 3.7 | 0.3 | 2.7 | 1093 | 5.0 | 0.3 | 0.5 | 850 | 0.9 | 0.0 | 15.0 | 41 | 21.1 | 0.0 |
| 1/3/10 22:30 | 3.2 | 1435 | 5.9 | 0.5 | 1.9 | 1241 | 3.5 | 0.2 | 2.6 | 1078 | 4.8 | 0.3 | 0.5 | 832 | 0.9 | 0.0 | 14.0 | 40 | 19.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/3/10 23:00 | 4.4 | 1412 | 8.2 | 0.7 | 1.9 | 1225 | 3.5 | 0.2 | 2.3 | 1068 | 4.2 | 0.3 | 0.4 | 832 | 0.7 | 0.0 | 12.0 | 40 | 16.6 | 0.0 |
| 1/3/10 23:30 | 3.4 | 1412 | 6.3 | 0.5 | 1.8 | 1224 | 3.3 | 0.2 | 2.2 | 1065 | 4.0 | 0.2 | 0.4 | 827 | 0.7 | 0.0 | 17.0 | 40 | 24.1 | 0.1 |
| 1/4/10 0:00 | 2.3 | 1412 | 4.2 | 0.3 | 1.5 | 1220 | 2.7 | 0.2 | 2.1 | 1058 | 3.9 | 0.2 | 0.5 | 815 | 0.9 | 0.0 | 12.0 | 39 | 16.6 | 0.0 |
| 1/4/10 0:30 | 2.9 | 1378 | 5.4 | 0.4 | 1.6 | 1195 | 2.9 | 0.2 | 2.0 | 1041 | 3.7 | 0.2 | 0.5 | 810 | 0.9 | 0.0 | 16.0 | 39 | 22.6 | 0.0 |
| 1/4/10 1:00 | 3.1 | 1412 | 5.7 | 0.5 | 1.5 | 1214 | 2.7 | 0.2 | 2.0 | 1048 | 3.7 | 0.2 | 2.9 | 798 | 5.4 | 0.2 | 48.0 | 39 | 72.6 | 0.2 |
| 1/4/10 1:30 | 2.7 | 1401 | 5.0 | 0.4 | 1.9 | 1209 | 3.5 | 0.2 | 2.3 | 1047 | 4.2 | 0.2 | 0.5 | 804 | 0.9 | 0.0 | 45.0 | 39 | 67.8 | 0.1 |
| 1/4/10 2:00 | 3.5 | 1345 | 6.5 | 0.5 | 1.3 | 1171 | 2.4 | 0.2 | 2.1 | 1024 | 3.9 | 0.2 | 0.4 | 804 | 0.7 | 0.0 | 21.0 | 39 | 30.2 | 0.1 |
| 1/4/10 2:30 | 2.9 | 1367 | 5.4 | 0.4 | 1.4 | 1179 | 2.6 | 0.2 | 2.4 | 1020 | 4.4 | 0.3 | 0.6 | 782 | 1.1 | 0.0 | 15.0 | 38 | 21.1 | 0.0 |
| 1/4/10 3:00 | 3.0 | 1345 | 5.6 | 0.4 | 1.7 | 1165 | 3.1 | 0.2 | 1.9 | 1014 | 3.5 | 0.2 | 0.4 | 787 | 0.7 | 0.0 | 12.0 | 38 | 16.6 | 0.0 |
| 1/4/10 3:30 | 2.5 | 1345 | 4.6 | 0.3 | 1.7 | 1163 | 3.1 | 0.2 | 1.9 | 1011 | 3.5 | 0.2 | 0.5 | 782 | 0.9 | 0.0 | 13.0 | 38 | 18.1 | 0.0 |
| 1/4/10 4:00 | 2.5 | 1312 | 4.6 | 0.3 | 1.4 | 1139 | 2.6 | 0.2 | 2.0 | 994 | 3.7 | 0.2 | 0.4 | 776 | 0.7 | 0.0 | 11.0 | 38 | 15.2 | 0.0 |
| 1/4/10 4:30 | 3.7 | 1334 | 6.9 | 0.5 | 1.8 | 1154 | 3.3 | 0.2 | 1.9 | 1003 | 3.5 | 0.2 | 0.4 | 776 | 0.7 | 0.0 | 14.0 | 38 | 19.6 | 0.0 |
| 1/4/10 5:00 | 2.1 | 1290 | 3.9 | 0.3 | 1.0 | 1125 | 1.8 | 0.1 | 1.9 | 985 | 3.5 | 0.2 | 0.4 | 776 | 0.7 | 0.0 | 25.0 | 38 | 36.3 | 0.1 |
| 1/4/10 5:30 | 2.6 | 1301 | 4.8 | 0.4 | 1.6 | 1127 | 2.9 | 0.2 | 2.0 | 980 | 3.7 | 0.2 | 0.6 | 760 | 1.1 | 0.0 | 12.0 | 37 | 16.6 | 0.0 |
| 1/4/10 6:00 | 2.2 | 1290 | 4.0 | 0.3 | 1.7 | 1118 | 3.1 | 0.2 | 1.8 | 972 | 3.3 | 0.2 | 0.5 | 754 | 0.9 | 0.0 | 19.0 | 37 | 27.1 | 0.1 |
| 1/4/10 6:30 | 2.7 | 1301 | 5.0 | 0.4 | 0.9 | 1125 | 1.6 | 0.1 | 2.3 | 977 | 4.2 | 0.2 | 0.4 | 754 | 0.7 | 0.0 | 14.0 | 37 | 19.6 | 0.0 |
| 1/4/10 7:00 | 2.0 | 1280 | 3.7 | 0.3 | 1.0 | 1112 | 1.8 | 0.1 | 2.3 | 971 | 4.2 | 0.2 | 0.4 | 760 | 0.7 | 0.0 | 11.0 | 37 | 15.2 | 0.0 |
| 1/4/10 7:30 | 2.2 | 1269 | 4.0 | 0.3 | 1.3 | 1100 | 2.4 | 0.1 | 2.0 | 957 | 3.7 | 0.2 | 0.4 | 744 | 0.7 | 0.0 | 11.0 | 36 | 15.2 | 0.0 |
| 1/4/10 8:00 | 2.7 | 1290 | 5.0 | 0.4 | 1.4 | 1114 | 2.6 | 0.2 | 1.6 | 966 | 2.9 | 0.2 | 0.5 | 744 | 0.9 | 0.0 | 18.0 | 36 | 25.6 | 0.1 |
| 1/4/10 8:30 | 2.6 | 1269 | 4.8 | 0.3 | 1.1 | 1098 | 2.0 | 0.1 | 1.7 | 954 | 3.1 | 0.2 | 0.4 | 738 | 0.7 | 0.0 | 21.0 | 36 | 30.2 | 0.1 |
| 1/4/10 9:00 | 2.7 | 1227 | 5.0 | 0.3 | 1.2 | 1064 | 2.2 | 0.1 | 1.6 | 928 | 2.9 | 0.2 | 0.5 | 722 | 0.9 | 0.0 | 19.0 | 35 | 27.1 | 0.1 |
| 1/4/10 9:30 | 4.8 | 1248 | 9.0 | 0.6 | 1.1 | 1082 | 2.0 | 0.1 | 1.6 | 942 | 2.9 | 0.2 | 0.4 | 733 | 0.7 | 0.0 | 21.0 | 36 | 30.2 | 0.1 |
| 1/4/10 10:00 | 2.0 | 1269 | 3.7 | 0.3 | 1.3 | 1098 | 2.4 | 0.1 | 1.9 | 954 | 3.5 | 0.2 | 0.4 | 738 | 0.7 | 0.0 | 46.0 | 36 | 69.4 | 0.1 |
| 1/4/10 10:30 | 2.1 | 1237 | 3.9 | 0.3 | 0.7 | 1073 | 1.3 | 0.1 | 2.2 | 935 | 4.0 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 48.0 | 35 | 72.6 | 0.1 |
| 1/4/10 11:00 | 1.9 | 1237 | 3.5 | 0.2 | 0.9 | 1073 | 1.6 | 0.1 | 2.0 | 935 | 3.7 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 35.0 | 35 | 51.9 | 0.1 |
| 1/4/10 11:30 | 2.3 | 1206 | 4.2 | 0.3 | 1.4 | 1052 | 2.6 | 0.2 | 2.2 | 922 | 4.0 | 0.2 | 0.6 | 728 | 1.1 | 0.0 | 37.0 | 35 | 55.0 | 0.1 |
| 1/4/10 12:00 | 2.6 | 1216 | 4.8 | 0.3 | 1.7 | 1059 | 3.1 | 0.2 | 2.4 | 926 | 4.4 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 52.0 | 35 | 79.0 | 0.2 |
| 1/4/10 12:30 | 2.3 | 1206 | 4.2 | 0.3 | 1.2 | 1054 | 2.2 | 0.1 | 3.5 | 925 | 6.5 | 0.3 | 0.4 | 733 | 0.7 | 0.0 | 29.0 | 36 | 42.5 | 0.1 |
| 1/4/10 13:00 | 2.2 | 1185 | 4.0 | 0.3 | 1.3 | 1038 | 2.4 | 0.1 | 2.8 | 914 | 5.2 | 0.3 | 0.5 | 728 | 0.9 | 0.0 | 43.0 | 35 | 64.6 | 0.1 |
| 1/4/10 13:30 | 2.2 | 1216 | 4.0 | 0.3 | 2.2 | 1062 | 4.0 | 0.2 | 2.5 | 933 | 4.6 | 0.2 | 0.5 | 738 | 0.9 | 0.0 | 23.0 | 36 | 33.2 | 0.1 |
| 1/4/10 14:00 | 2.3 | 1227 | 4.2 | 0.3 | 2.4 | 1071 | 4.4 | 0.3 | 2.8 | 940 | 5.2 | 0.3 | 0.6 | 744 | 1.1 | 0.0 | 40.0 | 36 | 59.8 | 0.1 |
| 1/4/10 14:30 | 2.0 | 1227 | 3.7 | 0.3 | 2.2 | 1075 | 4.0 | 0.2 | 2.8 | 947 | 5.2 | 0.3 | 0.5 | 754 | 0.9 | 0.0 | 340.0 | 37 | 580.4 | 1.2 |
| 1/4/10 15:00 | 2.4 | 1248 | 4.4 | 0.3 | 1.8 | 1096 | 3.3 | 0.2 | 2.4 | 968 | 4.4 | 0.2 | 0.6 | 776 | 1.1 | 0.0 | 340.0 | 38 | 580.4 | 1.2 |
| 1/4/10 15:30 | 2.5 | 1248 | 4.6 | 0.3 | 2.3 | 1105 | 4.2 | 0.3 | 2.8 | 985 | 5.2 | 0.3 | 0.5 | 804 | 0.9 | 0.0 | 330.0 | 39 | 562.3 | 1.2 |
| 1/4/10 16:00 | 2.2 | 1258 | 4.0 | 0.3 | 2.1 | 1121 | 3.9 | 0.2 | 4.1 | 1006 | 7.6 | 0.4 | 0.4 | 832 | 0.7 | 0.0 | 210.0 | 40 | 347.9 | 0.8 |
| 1/4/10 16:30 | 2.5 | 1280 | 4.6 | 0.3 | 1.9 | 1149 | 3.5 | 0.2 | 9.3 | 1038 | 17.6 | 1.0 | 0.6 | 873 | 1.1 | 0.1 | 380.0 | 42 | 653.2 | 1.5 |
| 1/4/10 17:00 | 2.8 | 1301 | 5.2 | 0.4 | 3.4 | 1177 | 6.3 | 0.4 | 14.7 | 1072 | 28.1 | 1.7 | 0.6 | 915 | 1.1 | 0.1 | 200.0 | 44 | 330.4 | 0.8 |
| 1/4/10 17:30 | 3.2 | 1323 | 5.9 | 0.4 | 6.3 | 1207 | 11.8 | 0.8 | 17.3 | 1110 | 33.2 | 2.1 | 0.4 | 964 | 0.7 | 0.0 | 310.0 | 46 | 526.2 | 1.4 |
| 1/4/10 18:00 | 3.4 | 1356 | 6.3 | 0.5 | 11.5 | 1244 | 21.9 | 1.5 | 13.8 | 1150 | 26.3 | 1.7 | 0.6 | 1009 | 1.1 | 0.1 | 220.0 | 48 | 365.6 | 1.0 |
| 1/4/10 18:30 | 3.4 | 1378 | 6.3 | 0.5 | 13.0 | 1276 | 24.8 | 1.8 | 15.6 | 1190 | 29.8 | 2.0 | 0.5 | 1061 | 0.9 | 0.1 | 180.0 | 50 | 295.4 | 0.8 |
| 1/4/10 19:00 | 4.1 | 1389 | 7.6 | 0.6 | 10.9 | 1299 | 20.7 | 1.5 | 11.9 | 1223 | 22.6 | 1.6 | 0.8 | 1108 | 1.4 | 0.1 | 130.0 | 53 | 209.1 | 0.6 |
| 1/4/10 19:30 | 3.3 | 1470 | 6.1 | 0.5 | 11.7 | 1363 | 22.2 | 1.7 | 17.3 | 1272 | 33.2 | 2.4 | 0.6 | 1136 | 1.1 | 0.1 | 61.0 | 54 | 93.6 | 0.3 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 1/4/10 20:00 | 3.3 | 1518 | 6.1 | 0.5 | 10.0 | 1408 | 19.0 | 1.5 | 11.5 | 1316 | 21.9 | 1.6 | 0.7 | 1178 | 1.3 | 0.1 | 60.0 | 56 | 92.0 | 0.3 |
| 1/4/10 20:30 | 4.0 | 1567 | 7.4 | 0.7 | 12.4 | 1460 | 23.6 | 1.9 | 10.4 | 1370 | 19.7 | 1.5 | 0.6 | 1235 | 1.1 | 0.1 | 200.0 | 58 | 330.4 | 1.1 |
| 1/4/10 21:00 | 7.1 | 1579 | 13.4 | 1.2 | 9.7 | 1482 | 18.4 | 1.5 | 27.3 | 1401 | 52.8 | 4.2 | 1.2 | 1279 | 2.2 | 0.2 | 56.0 | 60 | 85.5 | 0.3 |
| 1/4/10 21:30 | 9.6 | 1629 | 18.2 | 1.7 | 9.2 | 1536 | 17.4 | 1.5 | 4.3 | 1457 | 8.0 | 0.7 | 0.7 | 1339 | 1.3 | 0.1 | 58.0 | 63 | 88.7 | 0.3 |
| 1/4/10 22:00 | 11.0 | 1667 | 20.9 | 2.0 | 5.6 | 1582 | 10.5 | 0.9 | 7.6 | 1509 | 14.3 | 1.2 | 0.7 | 1401 | 1.3 | 0.1 | 300.0 | 66 | 508.2 | 1.9 |
| 1/4/10 22:30 | 11.0 | 1744 | 20.9 | 2.0 | 4.2 | 1662 | 7.8 | 0.7 | 6.1 | 1593 | 11.4 | 1.0 | 0.7 | 1489 | 1.3 | 0.1 | 130.0 | 69 | 209.1 | 0.8 |
| 1/4/10 23:00 | 10.0 | 1783 | 19.0 | 1.9 | 6.2 | 1712 | 11.6 | 1.1 | 5.5 | 1653 | 10.3 | 1.0 | 0.9 | 1564 | 1.6 | 0.1 | 180.0 | 73 | 295.4 | 1.2 |
| 1/4/10 23:30 | 11.0 | 1876 | 20.9 | 2.2 | 5.0 | 1800 | 9.3 | 0.9 | 11.1 | 1736 | 21.1 | 2.1 | 0.8 | 1640 | 1.4 | 0.1 | 680.0 | 76 | 1211.9 | 5.2 |
| 1/5/10 0:00 | 11.0 | 1957 | 20.9 | 2.3 | 6.8 | 1892 | 12.8 | 1.4 | 12.1 | 1837 | 23.0 | 2.4 | 0.7 | 1754 | 1.3 | 0.1 | 250.0 | 81 | 418.7 | 1.9 |
| 1/5/10 0:30 | 8.8 | 2055 | 16.6 | 1.9 | 13.1 | 1997 | 25.0 | 2.8 | 12.5 | 1947 | 23.8 | 2.6 | 0.8 | 1873 | 1.4 | 0.2 | 300.0 | 86 | 508.2 | 2.5 |
| 1/5/10 1:00 | 7.2 | 2195 | 13.6 | 1.7 | 10.9 | 2134 | 20.7 | 2.5 | 23.8 | 2083 | 45.9 | 5.4 | 1.1 | 2007 | 2.0 | 0.2 | 150.0 | 92 | 243.4 | 1.3 |
| 1/5/10 1:30 | 6.4 | 2220 | 12.0 | 1.5 | 18.0 | 2200 | 34.5 | 4.3 | 15.9 | 2182 | 30.4 | 3.7 | 0.9 | 2156 | 1.6 | 0.2 | 310.0 | 98 | 526.2 | 2.9 |
| 1/5/10 2:00 | 8.2 | 2376 | 15.5 | 2.1 | 17.3 | 2335 | 33.2 | 4.4 | 14.5 | 2301 | 27.7 | 3.6 | 1.6 | 2249 | 2.9 | 0.4 | 110.0 | 102 | 175.1 | 1.0 |
| 1/5/10 2:30 | 8.3 | 2470 | 15.7 | 2.2 | 14.5 | 2443 | 27.7 | 3.8 | 12.1 | 2420 | 23.0 | 3.1 | 2.2 | 2387 | 4.0 | 0.5 | 150.0 | 108 | 243.4 | 1.5 |
| 1/5/10 3:00 | 11.0 | 2607 | 20.9 | 3.1 | 13.0 | 2564 | 24.8 | 3.6 | 10.9 | 2528 | 20.7 | 2.9 | 1.9 | 2474 | 3.5 | 0.5 | 160.0 | 112 | 260.7 | 1.6 |
| 1/5/10 3:30 | 13.0 | 2865 | 24.8 | 4.0 | 13.4 | 2757 | 25.5 | 4.0 | 9.4 | 2666 | 17.8 | 2.7 | 2.0 | 2529 | 3.7 | 0.5 | 110.0 | 114 | 175.1 | 1.1 |
| 1/5/10 4:00 | 16.0 | 3022 | 30.6 | 5.2 | 11.7 | 2875 | 22.2 | 3.6 | 10.9 | 2750 | 20.7 | 3.2 | 1.2 | 2563 | 2.2 | 0.3 | 130.0 | 116 | 209.1 | 1.4 |
| 1/5/10 4:30 | 18.0 | 3022 | 34.5 | 5.9 | 12.3 | 2878 | 23.4 | 3.8 | 17.4 | 2757 | 33.3 | 5.2 | 1.6 | 2574 | 2.9 | 0.4 | 100.0 | 116 | 158.2 | 1.0 |
| 1/5/10 5:00 | 17.0 | 3184 | 32.6 | 5.8 | 12.0 | 3013 | 22.8 | 3.9 | 9.6 | 2870 | 18.2 | 2.9 | 2.0 | 2654 | 3.7 | 0.5 | 180.0 | 120 | 295.4 | 2.0 |
| 1/5/10 5:30 | 15.0 | 3349 | 28.7 | 5.4 | 13.2 | 3144 | 25.2 | 4.4 | 11.8 | 2971 | 22.4 | 3.7 | 1.8 | 2712 | 3.3 | 0.5 | 120.0 | 122 | 192.0 | 1.3 |
| 1/5/10 6:00 | 14.0 | 3228 | 26.7 | 4.8 | 11.1 | 3081 | 21.1 | 3.7 | 10.2 | 2957 | 19.3 | 3.2 | 1.8 | 2771 | 3.3 | 0.5 | 260.0 | 125 | 436.5 | 3.1 |
| 1/5/10 6:30 | 15.0 | 3303 | 28.7 | 5.3 | 12.7 | 3155 | 24.2 | 4.3 | 15.4 | 3030 | 29.4 | 5.0 | 1.7 | 2842 | 3.1 | 0.5 | 110.0 | 128 | 175.1 | 1.3 |
| 1/5/10 7:00 | 14.0 | 3288 | 26.7 | 4.9 | 15.1 | 3176 | 28.9 | 5.2 | 13.5 | 3081 | 25.7 | 4.5 | 1.9 | 2939 | 3.5 | 0.6 | 160.0 | 132 | 260.7 | 1.9 |
| 1/5/10 7:30 | 14.0 | 3567 | 26.7 | 5.4 | 15.9 | 3388 | 30.4 | 5.8 | 10.5 | 3238 | 19.9 | 3.6 | 2.2 | 3013 | 4.0 | 0.7 | 94.0 | 135 | 148.2 | 1.1 |
| 1/5/10 8:00 | 16.0 | 3488 | 30.6 | 6.0 | 15.4 | 3363 | 29.4 | 5.6 | 14.6 | 3258 | 27.9 | 5.1 | 2.1 | 3101 | 3.9 | 0.7 | 81.0 | 138 | 126.5 | 1.0 |
| 1/5/10 8:30 | 14.0 | 3614 | 26.7 | 5.4 | 18.2 | 3498 | 34.9 | 6.9 | 15.6 | 3401 | 29.8 | 5.7 | 3.3 | 3255 | 6.1 | 1.1 | 110.0 | 145 | 175.1 | 1.4 |
| 1/5/10 9:00 | 16.0 | 3745 | 30.6 | 6.4 | 18.5 | 3612 | 35.5 | 7.2 | 12.1 | 3501 | 23.0 | 4.5 | 3.0 | 3333 | 5.6 | 1.0 | 140.0 | 148 | 226.2 | 1.9 |
| 1/5/10 9:30 | 19.0 | 3963 | 36.5 | 8.1 | 20.0 | 3786 | 38.4 | 8.2 | 14.8 | 3637 | 28.3 | 5.8 | 3.3 | 3413 | 6.1 | 1.2 | 97.0 | 152 | 153.2 | 1.3 |
| 1/5/10 10:00 | 20.0 | 3929 | 38.4 | 8.5 | 20.4 | 3771 | 39.2 | 8.3 | 15.9 | 3639 | 30.4 | 6.2 | 3.0 | 3440 | 5.6 | 1.1 | 130.0 | 153 | 209.1 | 1.8 |
| 1/5/10 10:30 | 17.0 | 4152 | 32.6 | 7.6 | 22.8 | 3949 | 43.9 | 9.8 | 14.3 | 3778 | 27.3 | 5.8 | 4.1 | 3521 | 7.6 | 1.5 | 79.0 | 156 | 123.2 | 1.1 |
| 1/5/10 11:00 | 28.0 | 4329 | 54.2 | 13.2 | 24.6 | 4069 | 47.5 | 10.9 | 30.2 | 3850 | 58.5 | 12.7 | 4.2 | 3521 | 7.8 | 1.5 | 110.0 | 156 | 175.1 | 1.5 |
| 1/5/10 11:30 | 25.0 | 4347 | 48.3 | 11.8 | 22.4 | 4085 | 43.1 | 9.9 | 14.9 | 3865 | 28.5 | 6.2 | 4.3 | 3535 | 8.0 | 1.6 | 82.0 | 157 | 128.2 | 1.1 |
| 1/5/10 12:00 | 27.0 | 4276 | 52.2 | 12.5 | 22.0 | 4037 | 42.4 | 9.6 | 13.6 | 3836 | 25.9 | 5.6 | 3.3 | 3535 | 6.1 | 1.2 | 66.0 | 157 | 101.8 | 0.9 |
| 1/5/10 12:30 | 29.0 | 4383 | 56.1 | 13.8 | 22.5 | 4088 | 43.3 | 10.0 | 12.5 | 3840 | 23.8 | 5.1 | 3.5 | 3467 | 6.5 | 1.3 | 70.0 | 154 | 108.3 | 0.9 |
| 1/5/10 13:00 | 31.0 | 3878 | 60.1 | 13.1 | 20.5 | 3728 | 39.4 | 8.3 | 11.8 | 3602 | 22.4 | 4.5 | 2.8 | 3413 | 5.2 | 1.0 | 78.0 | 152 | 121.5 | 1.0 |
| 1/5/10 13:30 | 30.0 | 4152 | 58.1 | 13.6 | 19.1 | 3910 | 36.7 | 8.1 | 11.3 | 3706 | 21.5 | 4.5 | 3.0 | 3400 | 5.6 | 1.1 | 90.0 | 151 | 141.5 | 1.2 |
| 1/5/10 14:00 | 31.0 | 4565 | 60.1 | 15.4 | 15.0 | 4181 | 28.7 | 6.7 | 10.0 | 3858 | 19.0 | 4.1 | 3.2 | 3373 | 5.9 | 1.1 | 79.0 | 150 | 123.2 | 1.0 |
| 1/5/10 14:30 | 29.0 | 4383 | 56.1 | 13.8 | 16.7 | 4053 | 32.0 | 7.3 | 10.4 | 3776 | 19.7 | 4.2 | 3.5 | 3360 | 6.5 | 1.2 | 54.0 | 149 | 82.2 | 0.7 |
| 1/5/10 15:00 | 27.0 | 4117 | 52.2 | 12.1 | 16.2 | 3869 | 31.0 | 6.7 | 10.5 | 3660 | 19.9 | 4.1 | 3.0 | 3347 | 5.6 | 1.0 | 120.0 | 149 | 192.0 | 1.6 |
| 1/5/10 15:30 | 26.0 | 4152 | 50.2 | 11.7 | 14.3 | 3889 | 27.3 | 6.0 | 8.5 | 3667 | 16.1 | 3.3 | 2.5 | 3333 | 4.6 | 0.9 | 130.0 | 148 | 209.1 | 1.7 |
| 1/5/10 16:00 | 23.0 | 4240 | 44.3 | 10.6 | 16.7 | 3940 | 32.0 | 7.1 | 9.6 | 3687 | 18.2 | 3.8 | 2.3 | 3307 | 4.2 | 0.8 | 110.0 | 147 | 175.1 | 1.4 |
| 1/5/10 16:30 | 23.0 | 4205 | 44.3 | 10.5 | 15.2 | 3907 | 29.1 | 6.4 | 11.9 | 3657 | 22.6 | 4.7 | 2.5 | 3281 | 4.6 | 0.8 | 95.0 | 146 | 149.8 | 1.2 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/10 17:00 | 24.0 | 4276 | 46.3 | 11.1 | 18.5 | 3981 | 35.5 | 7.9 | 10.7 | 3732 | 20.3 | 4.3 | 2.6 | 3360 | 4.8 | 0.9 | 55.0 | 149 | 83.9 | 0.7 |
| 1/5/10 17:30 | 24.0 | 4311 | 46.3 | 11.2 | 17.6 | 3984 | 33.7 | 7.6 | 11.3 | 3708 | 21.5 | 4.5 | 2.6 | 3294 | 4.8 | 0.9 | 150.0 | 147 | 243.4 | 2.0 |
| 1/5/10 18:00 | 22.0 | 4311 | 42.4 | 10.3 | 16.1 | 3996 | 30.8 | 6.9 | 8.2 | 3731 | 15.5 | 3.2 | 2.4 | 3333 | 4.4 | 0.8 | 74.0 | 148 | 114.9 | 1.0 |
| 1/5/10 18:30 | 20.0 | 4311 | 38.4 | 9.3 | 29.9 | 3992 | 57.9 | 13.0 | 11.0 | 3723 | 20.9 | 4.4 | 2.4 | 3320 | 4.4 | 0.8 | 55.0 | 148 | 83.9 | 0.7 |
| 1/5/10 19:00 | 24.0 | 4135 | 46.3 | 10.8 | 15.8 | 3864 | 30.2 | 6.6 | 8.3 | 3636 | 15.7 | 3.2 | 2.7 | 3294 | 5.0 | 0.9 | 60.0 | 147 | 92.0 | 0.8 |
| 1/5/10 19:30 | 22.0 | 4117 | 42.4 | 9.8 | 17.8 | 3844 | 34.1 | 7.4 | 10.9 | 3613 | 20.7 | 4.2 | 2.9 | 3268 | 5.4 | 1.0 | 73.0 | 146 | 113.3 | 0.9 |
| 1/5/10 20:00 | 22.0 | 4223 | 42.4 | 10.1 | 18.5 | 3915 | 35.5 | 7.8 | 9.6 | 3656 | 18.2 | 3.7 | 3.6 | 3268 | 6.7 | 1.2 | 180.0 | 146 | 295.4 | 2.4 |
| 1/5/10 20:30 | 27.0 | 4311 | 52.2 | 12.6 | 13.4 | 3959 | 25.5 | 5.7 | 8.3 | 3661 | 15.7 | 3.2 | 2.4 | 3216 | 4.4 | 0.8 | 81.0 | 143 | 126.5 | 1.0 |
| 1/5/10 21:00 | 24.0 | 4205 | 46.3 | 10.9 | 13.6 | 3878 | 25.9 | 5.7 | 11.8 | 3603 | 22.4 | 4.5 | 2.5 | 3190 | 4.6 | 0.8 | 110.0 | 142 | 175.1 | 1.4 |
| 1/5/10 21:30 | 21.0 | 4187 | 40.4 | 9.5 | 14.8 | 3850 | 28.3 | 6.1 | 9.9 | 3565 | 18.8 | 3.8 | 2.4 | 3139 | 4.4 | 0.8 | 98.0 | 140 | 154.9 | 1.2 |
| 1/5/10 22:00 | 23.0 | 4240 | 44.3 | 10.6 | 14.0 | 3877 | 26.7 | 5.8 | 10.9 | 3572 | 20.7 | 4.2 | 2.3 | 3114 | 4.2 | 0.7 | 110.0 | 139 | 175.1 | 1.4 |
| 1/5/10 22:30 | 19.0 | 4170 | 36.5 | 8.5 | 12.3 | 3817 | 23.4 | 5.0 | 8.5 | 3521 | 16.1 | 3.2 | 2.6 | 3076 | 4.8 | 0.8 | 100.0 | 137 | 158.2 | 1.2 |
| 1/5/10 23:00 | 20.0 | 4329 | 38.4 | 9.4 | 14.2 | 3921 | 27.1 | 6.0 | 8.9 | 3578 | 16.8 | 3.4 | 2.1 | 3063 | 3.9 | 0.7 | 84.0 | 137 | 131.5 | 1.0 |
| 1/5/10 23:30 | 19.0 | 3929 | 36.5 | 8.1 | 12.8 | 3646 | 24.4 | 5.0 | 8.8 | 3408 | 16.6 | 3.2 | 2.1 | 3051 | 3.9 | 0.7 | 96.0 | 136 | 151.5 | 1.2 |
| 1/6/10 0:00 | 22.0 | 4205 | 42.4 | 10.0 | 14.4 | 3825 | 27.5 | 5.9 | 8.7 | 3505 | 16.4 | 3.2 | 2.1 | 3026 | 3.9 | 0.7 | 89.0 | 135 | 139.8 | 1.1 |
| 1/6/10 0:30 | 18.0 | 4100 | 34.5 | 8.0 | 15.0 | 3746 | 28.7 | 6.0 | 8.8 | 3448 | 16.6 | 3.2 | 2.1 | 3001 | 3.9 | 0.7 | 140.0 | 134 | 226.2 | 1.7 |
| 1/6/10 1:00 | 18.0 | 4031 | 34.5 | 7.8 | 13.4 | 3683 | 25.5 | 5.3 | 8.3 | 3391 | 15.7 | 3.0 | 2.3 | 2951 | 4.2 | 0.7 | 120.0 | 132 | 192.0 | 1.4 |
| 1/6/10 1:30 | 20.0 | 4152 | 38.4 | 9.0 | 12.6 | 3766 | 24.0 | 5.1 | 9.6 | 3440 | 18.2 | 3.5 | 2.1 | 2951 | 3.9 | 0.6 | 160.0 | 132 | 260.7 | 1.9 |
| 1/6/10 2:00 | 24.0 | 4240 | 46.3 | 11.0 | 16.7 | 3825 | 32.0 | 6.9 | 11.3 | 3476 | 21.5 | 4.2 | 2.1 | 2951 | 3.9 | 0.6 | 160.0 | 132 | 260.7 | 1.9 |
| 1/6/10 2:30 | 19.0 | 4205 | 36.5 | 8.6 | 14.7 | 3805 | 28.1 | 6.0 | 10.4 | 3469 | 19.7 | 3.8 | 1.9 | 2964 | 3.5 | 0.6 | 110.0 | 133 | 175.1 | 1.3 |
| 1/6/10 3:00 | 20.0 | 4117 | 38.4 | 8.9 | 16.6 | 3758 | 31.8 | 6.7 | 9.7 | 3455 | 18.4 | 3.6 | 2.1 | 3001 | 3.9 | 0.7 | 110.0 | 134 | 175.1 | 1.3 |
| 1/6/10 3:30 | 19.0 | 4419 | 36.5 | 9.1 | 17.5 | 3958 | 33.5 | 7.5 | 8.7 | 3570 | 16.4 | 3.3 | 2.1 | 2988 | 3.9 | 0.6 | 280.0 | 134 | 472.3 | 3.6 |
| 1/6/10 4:00 | 30.0 | 4293 | 58.1 | 14.0 | 16.7 | 3885 | 32.0 | 7.0 | 9.1 | 3541 | 17.2 | 3.4 | 1.9 | 3026 | 3.5 | 0.6 | 120.0 | 135 | 192.0 | 1.5 |
| 1/6/10 4:30 | 21.0 | 4240 | 40.4 | 9.6 | 15.3 | 3841 | 29.2 | 6.3 | 12.4 | 3505 | 23.6 | 4.6 | 1.8 | 3001 | 3.3 | 0.6 | 69.0 | 134 | 106.7 | 0.8 |
| 1/6/10 5:00 | 22.0 | 4258 | 42.4 | 10.1 | 17.8 | 3861 | 34.1 | 7.4 | 9.6 | 3527 | 18.2 | 3.6 | 1.8 | 3026 | 3.3 | 0.6 | 630.0 | 135 | 1117.5 | 8.5 |
| 1/6/10 5:30 | 22.0 | 4365 | 42.4 | 10.4 | 15.9 | 3926 | 30.4 | 6.7 | 8.0 | 3556 | 15.1 | 3.0 | 1.9 | 3001 | 3.5 | 0.6 | 190.0 | 134 | 312.9 | 2.4 |
| 1/6/10 6:00 | 21.0 | 4492 | 40.4 | 10.2 | 13.9 | 3996 | 26.5 | 6.0 | 13.6 | 3578 | 25.9 | 5.2 | 2.0 | 2951 | 3.7 | 0.6 | 110.0 | 132 | 175.1 | 1.3 |
| 1/6/10 6:30 | 21.0 | 4100 | 40.4 | 9.3 | 14.2 | 3734 | 27.1 | 5.7 | 12.7 | 3426 | 24.2 | 4.7 | 2.9 | 2964 | 5.4 | 0.9 | 78.0 | 133 | 121.5 | 0.9 |
| 1/6/10 7:00 | 22.0 | 4152 | 42.4 | 9.9 | 19.1 | 3754 | 36.7 | 7.7 | 9.0 | 3418 | 17.0 | 3.3 | 1.8 | 2915 | 3.3 | 0.5 | 72.0 | 131 | 111.6 | 0.8 |
| 1/6/10 7:30 | 20.0 | 4031 | 38.4 | 8.7 | 14.4 | 3660 | 27.5 | 5.7 | 9.7 | 3347 | 18.4 | 3.5 | 1.7 | 2878 | 3.1 | 0.5 | 58.0 | 129 | 88.7 | 0.6 |
| 1/6/10 8:00 | 18.0 | 4083 | 34.5 | 7.9 | 12.3 | 3679 | 23.4 | 4.8 | 10.7 | 3340 | 20.3 | 3.8 | 1.9 | 2830 | 3.5 | 0.6 | 47.0 | 127 | 71.0 | 0.5 |
| 1/6/10 8:30 | 21.0 | 4100 | 40.4 | 9.3 | 12.7 | 3683 | 24.2 | 5.0 | 7.5 | 3333 | 14.1 | 2.6 | 1.7 | 2806 | 3.1 | 0.5 | 44.0 | 126 | 66.2 | 0.5 |
| 1/6/10 9:00 | 21.0 | 4293 | 40.4 | 9.7 | 10.4 | 3792 | 19.7 | 4.2 | 6.7 | 3369 | 12.6 | 2.4 | 3.3 | 2736 | 6.1 | 0.9 | 49.0 | 123 | 74.2 | 0.5 |
| 1/6/10 9:30 | 20.0 | 4083 | 38.4 | 8.8 | 10.5 | 3630 | 19.9 | 4.1 | 6.4 | 3249 | 12.0 | 2.2 | 1.6 | 2677 | 2.9 | 0.4 | 39.0 | 121 | 58.2 | 0.4 |
| 1/6/10 10:00 | 22.0 | 4170 | 42.4 | 9.9 | 10.0 | 3678 | 19.0 | 3.9 | 6.7 | 3264 | 12.6 | 2.3 | 1.4 | 2643 | 2.6 | 0.4 | 49.0 | 119 | 74.2 | 0.5 |
| 1/6/10 10:30 | 16.0 | 4065 | 30.6 | 7.0 | 9.5 | 3593 | 18.0 | 3.6 | 5.8 | 3194 | 10.9 | 2.0 | 1.9 | 2597 | 3.5 | 0.5 | 45.0 | 117 | 67.8 | 0.4 |
| 1/6/10 11:00 | 15.0 | 4135 | 28.7 | 6.7 | 10.0 | 3636 | 19.0 | 3.9 | 6.6 | 3216 | 12.4 | 2.2 | 1.7 | 2586 | 3.1 | 0.5 | 46.0 | 117 | 69.4 | 0.5 |
| 1/6/10 11:30 | 14.0 | 4100 | 26.7 | 6.2 | 9.7 | 3587 | 18.4 | 3.7 | 6.5 | 3155 | 12.2 | 2.2 | 1.7 | 2507 | 3.1 | 0.4 | 37.0 | 113 | 55.0 | 0.4 |
| 1/6/10 12:00 | 14.0 | 3895 | 26.7 | 5.8 | 8.5 | 3437 | 16.1 | 3.1 | 6.3 | 3052 | 11.8 | 2.0 | 1.6 | 2474 | 2.9 | 0.4 | 36.0 | 112 | 53.5 | 0.3 |
| 1/6/10 12:30 | 13.0 | 3567 | 24.8 | 5.0 | 8.6 | 3190 | 16.3 | 2.9 | 5.8 | 2873 | 10.9 | 1.8 | 1.4 | 2397 | 2.6 | 0.3 | 31.0 | 109 | 45.6 | 0.3 |
| 1/6/10 13:00 | 12.0 | 3811 | 22.8 | 4.9 | 8.0 | 3345 | 15.1 | 2.8 | 5.2 | 2953 | 9.7 | 1.6 | 1.4 | 2365 | 2.6 | 0.3 | 34.0 | 107 | 50.3 | 0.3 |
| 1/6/10 13:30 | 13.0 | 3811 | 24.8 | 5.3 | 8.4 | 3325 | 15.9 | 3.0 | 5.2 | 2915 | 9.7 | 1.6 | 2.4 | 2301 | 4.4 | 0.6 | 30.0 | 105 | 44.0 | 0.3 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/6/10 14:00 | 13.0 | 3488 | 24.8 | 4.9 | 8.8 | 3092 | 16.6 | 2.9 | 4.6 | 2759 | 8.6 | 1.3 | 1.2 | 2259 | 2.2 | 0.3 | 32.0 | 103 | 47.2 | 0.3 |
| 1/6/10 14:30 | 12.0 | 3551 | 22.8 | 4.6 | 7.5 | 3121 | 14.1 | 2.5 | 4.7 | 2760 | 8.8 | 1.4 | 1.4 | 2218 | 2.6 | 0.3 | 32.0 | 101 | 47.2 | 0.3 |
| 1/6/10 15:00 | 11.0 | 3567 | 20.9 | 4.2 | 8.4 | 3116 | 15.9 | 2.8 | 4.8 | 2736 | 9.0 | 1.4 | 1.2 | 2166 | 2.2 | 0.3 | 53.0 | 99 | 80.6 | 0.4 |
| 1/6/10 15:30 | 11.5 | 3441 | 21.9 | 4.2 | 6.9 | 3024 | 13.0 | 2.2 | 5.1 | 2673 | 9.5 | 1.4 | 1.6 | 2146 | 2.9 | 0.4 | 38.0 | 98 | 56.6 | 0.3 |
| 1/6/10 16:00 | 10.0 | 3303 | 19.0 | 3.5 | 7.7 | 2911 | 14.5 | 2.4 | 4.9 | 2581 | 9.2 | 1.3 | 1.2 | 2086 | 2.2 | 0.3 | 36.0 | 95 | 53.5 | 0.3 |
| 1/6/10 16:30 | 9.8 | 3410 | 18.6 | 3.6 | 6.4 | 2965 | 12.0 | 2.0 | 4.9 | 2589 | 9.2 | 1.3 | 1.2 | 2026 | 2.2 | 0.2 | 30.0 | 93 | 44.0 | 0.2 |
| 1/6/10 17:00 | 9.8 | 3395 | 18.6 | 3.5 | 6.2 | 2951 | 11.6 | 1.9 | 4.5 | 2577 | 8.4 | 1.2 | 1.3 | 2017 | 2.4 | 0.3 | 46.0 | 92 | 69.4 | 0.4 |
| 1/6/10 17:30 | 10.0 | 3243 | 19.0 | 3.5 | 6.5 | 2833 | 12.2 | 1.9 | 4.8 | 2487 | 9.0 | 1.3 | 1.4 | 1968 | 2.6 | 0.3 | 420.0 | 90 | 726.5 | 3.7 |
| 1/6/10 18:00 | 9.0 | 3243 | 17.0 | 3.1 | 6.5 | 2826 | 12.2 | 1.9 | 4.3 | 2475 | 8.0 | 1.1 | 1.1 | 1949 | 2.0 | 0.2 | 180.0 | 89 | 295.4 | 1.5 |
| 1/6/10 18:30 | 9.6 | 3080 | 18.2 | 3.1 | 6.8 | 2695 | 12.8 | 1.9 | 5.1 | 2370 | 9.5 | 1.3 | 1.3 | 1883 | 2.4 | 0.3 | 110.0 | 87 | 175.1 | 0.9 |
| 1/6/10 19:00 | 9.6 | 3169 | 18.2 | 3.2 | 5.6 | 2749 | 10.5 | 1.6 | 14.8 | 2395 | 28.3 | 3.8 | 1.1 | 1864 | 2.0 | 0.2 | 57.0 | 86 | 87.1 | 0.4 |
| 1/6/10 19:30 | 9.0 | 3198 | 17.0 | 3.1 | 11.4 | 2757 | 21.7 | 3.4 | 8.2 | 2385 | 15.5 | 2.1 | 1.1 | 1827 | 2.0 | 0.2 | 62.0 | 84 | 95.2 | 0.5 |
| 1/6/10 20:00 | 9.1 | 3169 | 17.2 | 3.1 | 11.3 | 2737 | 21.5 | 3.3 | 6.4 | 2373 | 12.0 | 1.6 | 0.8 | 1827 | 1.4 | 0.1 | 46.0 | 84 | 69.4 | 0.3 |
| 1/6/10 20:30 | 9.3 | 3154 | 17.6 | 3.1 | 8.3 | 2715 | 15.7 | 2.4 | 4.7 | 2345 | 8.8 | 1.2 | 1.3 | 1791 | 2.4 | 0.2 | 88.0 | 83 | 138.1 | 0.6 |
| 1/6/10 21:00 | 7.5 | 3037 | 14.1 | 2.4 | 6.5 | 2618 | 12.2 | 1.8 | 4.8 | 2265 | 9.0 | 1.1 | 1.1 | 1737 | 2.0 | 0.2 | 44.0 | 80 | 66.2 | 0.3 |
| 1/6/10 21:30 | 8.5 | 3008 | 16.1 | 2.7 | 5.5 | 2593 | 10.3 | 1.5 | 4.3 | 2243 | 8.0 | 1.0 | 1.4 | 1719 | 2.6 | 0.2 | 43.0 | 79 | 64.6 | 0.3 |
| 1/6/10 22:00 | 11.0 | 2880 | 20.9 | 3.4 | 6.6 | 2495 | 12.4 | 1.7 | 4.6 | 2170 | 8.6 | 1.0 | 1.4 | 1683 | 2.6 | 0.2 | 82.0 | 78 | 128.2 | 0.6 |
| 1/6/10 22:30 | 12.0 | 2922 | 22.8 | 3.7 | 5.6 | 2518 | 10.5 | 1.5 | 7.2 | 2177 | 13.6 | 1.7 | 0.9 | 1666 | 1.6 | 0.2 | 110.0 | 77 | 175.1 | 0.8 |
| 1/6/10 23:00 | 9.5 | 2922 | 18.0 | 3.0 | 5.5 | 2509 | 10.3 | 1.5 | 4.6 | 2162 | 8.6 | 1.0 | 0.9 | 1640 | 1.6 | 0.1 | 64.0 | 76 | 98.5 | 0.4 |
| 1/6/10 23:30 | 8.3 | 2979 | 15.7 | 2.6 | 5.1 | 2542 | 9.5 | 1.4 | 5.5 | 2175 | 10.3 | 1.3 | 1.4 | 1623 | 2.6 | 0.2 | 53.0 | 75 | 80.6 | 0.3 |
| 1/7/10 0:00 | 7.1 | 2880 | 13.4 | 2.2 | 5.9 | 2459 | 11.1 | 1.5 | 5.6 | 2104 | 10.5 | 1.2 | 0.8 | 1572 | 1.4 | 0.1 | 35.0 | 73 | 51.9 | 0.2 |
| 1/7/10 0:30 | 7.0 | 2763 | 13.2 | 2.0 | 5.6 | 2374 | 10.5 | 1.4 | 4.6 | 2047 | 8.6 | 1.0 | 0.8 | 1555 | 1.4 | 0.1 | 33.0 | 72 | 48.7 | 0.2 |
| 1/7/10 1:00 | 7.5 | 2663 | 14.1 | 2.1 | 6.0 | 2301 | 11.3 | 1.5 | 4.5 | 1996 | 8.4 | 0.9 | 0.8 | 1539 | 1.4 | 0.1 | 31.0 | 72 | 45.6 | 0.2 |
| 1/7/10 1:30 | 7.3 | 2678 | 13.7 | 2.1 | 5.6 | 2298 | 10.5 | 1.4 | 4.8 | 1977 | 9.0 | 1.0 | 1.0 | 1497 | 1.8 | 0.2 | 26.0 | 70 | 37.8 | 0.1 |
| 1/7/10 2:00 | 7.0 | 2663 | 13.2 | 2.0 | 5.4 | 2280 | 10.1 | 1.3 | 4.1 | 1957 | 7.6 | 0.8 | 0.9 | 1473 | 1.6 | 0.1 | 29.0 | 69 | 42.5 | 0.2 |
| 1/7/10 2:30 | 6.9 | 2607 | 13.0 | 1.9 | 4.2 | 2239 | 7.8 | 1.0 | 4.4 | 1930 | 8.2 | 0.9 | 0.8 | 1465 | 1.4 | 0.1 | 27.0 | 68 | 39.4 | 0.2 |
| 1/7/10 3:00 | 8.1 | 2649 | 15.3 | 2.3 | 4.3 | 2260 | 8.0 | 1.0 | 3.1 | 1932 | 5.7 | 0.6 | 1.3 | 1441 | 2.4 | 0.2 | 25.0 | 67 | 36.3 | 0.1 |
| 1/7/10 3:30 | 7.5 | 2621 | 14.1 | 2.1 | 4.5 | 2236 | 8.4 | 1.1 | 3.7 | 1912 | 6.9 | 0.7 | 1.0 | 1425 | 1.8 | 0.1 | 22.0 | 67 | 31.7 | 0.1 |
| 1/7/10 4:00 | 9.8 | 2566 | 18.6 | 2.7 | 3.3 | 2193 | 6.1 | 0.8 | 3.7 | 1880 | 6.9 | 0.7 | 1.0 | 1409 | 1.8 | 0.1 | 20.0 | 66 | 28.6 | 0.1 |
| 1/7/10 4:30 | 7.3 | 2607 | 13.7 | 2.0 | 4.1 | 2206 | 7.6 | 0.9 | 3.1 | 1869 | 5.7 | 0.6 | 0.8 | 1362 | 1.4 | 0.1 | 19.0 | 64 | 27.1 | 0.1 |
| 1/7/10 5:00 | 6.4 | 2579 | 12.0 | 1.7 | 3.7 | 2185 | 6.9 | 0.8 | 3.3 | 1853 | 6.1 | 0.6 | 0.6 | 1355 | 1.1 | 0.1 | 19.0 | 64 | 27.1 | 0.1 |
| 1/7/10 5:30 | 6.1 | 2470 | 11.4 | 1.6 | 4.7 | 2106 | 8.8 | 1.0 | 3.2 | 1799 | 5.9 | 0.6 | 0.8 | 1339 | 1.4 | 0.1 | 29.0 | 63 | 42.5 | 0.2 |
| 1/7/10 6:00 | 5.9 | 2429 | 11.1 | 1.5 | 3.7 | 2076 | 6.9 | 0.8 | 3.1 | 1778 | 5.7 | 0.6 | 0.7 | 1332 | 1.3 | 0.1 | 24.0 | 63 | 34.8 | 0.1 |
| 1/7/10 6:30 | 5.8 | 2389 | 10.9 | 1.5 | 3.5 | 2039 | 6.5 | 0.7 | 3.5 | 1744 | 6.5 | 0.6 | 0.6 | 1302 | 1.1 | 0.1 | 22.0 | 61 | 31.7 | 0.1 |
| 1/7/10 7:00 | 6.3 | 2443 | 11.8 | 1.6 | 3.3 | 2073 | 6.1 | 0.7 | 2.9 | 1761 | 5.4 | 0.5 | 0.7 | 1294 | 1.3 | 0.1 | 22.0 | 61 | 31.7 | 0.1 |
| 1/7/10 7:30 | 5.1 | 2456 | 9.5 | 1.3 | 2.9 | 2075 | 5.4 | 0.6 | 3.4 | 1754 | 6.3 | 0.6 | 0.7 | 1272 | 1.3 | 0.1 | 30.0 | 60 | 44.0 | 0.1 |
| 1/7/10 8:00 | 4.9 | 2403 | 9.2 | 1.2 | 2.9 | 2036 | 5.4 | 0.6 | 2.4 | 1727 | 4.4 | 0.4 | 0.8 | 1264 | 1.4 | 0.1 | 22.0 | 60 | 31.7 | 0.1 |
| 1/7/10 8:30 | 5.2 | 2470 | 9.7 | 1.4 | 4.3 | 2075 | 8.0 | 0.9 | 2.7 | 1742 | 5.0 | 0.5 | 0.7 | 1242 | 1.3 | 0.1 | 24.0 | 59 | 34.8 | 0.1 |
| 1/7/10 9:00 | 4.8 | 2298 | 9.0 | 1.2 | 3.4 | 1953 | 6.3 | 0.7 | 2.8 | 1663 | 5.2 | 0.5 | 0.7 | 1228 | 1.3 | 0.1 | 24.0 | 58 | 34.8 | 0.1 |
| 1/7/10 9:30 | 5.3 | 2337 | 9.9 | 1.3 | 3.5 | 1973 | 6.5 | 0.7 | 2.5 | 1666 | 4.6 | 0.4 | 1.0 | 1206 | 1.8 | 0.1 | 19.0 | 57 | 27.1 | 0.1 |
| 1/7/10 10:00 | 4.9 | 2403 | 9.2 | 1.2 | 3.3 | 2013 | 6.1 | 0.7 | 3.0 | 1684 | 5.6 | 0.5 | 0.7 | 1192 | 1.3 | 0.1 | 33.0 | 56 | 48.7 | 0.2 |
| 1/7/10 10:30 | 4.7 | 2208 | 8.8 | 1.1 | 3.9 | 1878 | 7.3 | 0.8 | 3.0 | 1601 | 5.6 | 0.5 | 0.6 | 1185 | 1.1 | 0.1 | 22.0 | 56 | 31.7 | 0.1 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/7/10 11:00 | 4.5 | 2246 | 8.4 | 1.1 | 2.8 | 1893 | 5.2 | 0.6 | 2.5 | 1596 | 4.6 | 0.4 | 0.7 | 1150 | 1.3 | 0.1 | 23.0 | 54 | 33.2 | 0.1 |
| 1/7/10 11:30 | 4.6 | 2220 | 8.6 | 1.1 | 3.7 | 1876 | 6.9 | 0.7 | 2.5 | 1585 | 4.6 | 0.4 | 0.7 | 1150 | 1.3 | 0.1 | 28.0 | 54 | 40.9 | 0.1 |
| 1/7/10 12:00 | 4.8 | 2169 | 9.0 | 1.1 | 3.4 | 1834 | 6.3 | 0.7 | 2.5 | 1552 | 4.6 | 0.4 | 0.7 | 1129 | 1.3 | 0.1 | 29.0 | 54 | 42.5 | 0.1 |
| 1/7/10 12:30 | 6.3 | 2285 | 11.8 | 1.5 | 3.2 | 1910 | 5.9 | 0.6 | 2.5 | 1595 | 4.6 | 0.4 | 0.7 | 1122 | 1.3 | 0.1 | 21.0 | 53 | 30.2 | 0.1 |
| 1/7/10 13:00 | 4.7 | 2182 | 8.8 | 1.1 | 2.8 | 1839 | 5.2 | 0.5 | 3.1 | 1549 | 5.7 | 0.5 | 0.5 | 1115 | 0.9 | 0.1 | 17.0 | 53 | 24.1 | 0.1 |
| 1/7/10 13:30 | 4.6 | 2131 | 8.6 | 1.0 | 2.6 | 1797 | 4.8 | 0.5 | 2.5 | 1516 | 4.6 | 0.4 | 0.9 | 1095 | 1.6 | 0.1 | 42.0 | 52 | 63.0 | 0.2 |
| 1/7/10 14:00 | 4.2 | 2080 | 7.8 | 0.9 | 2.9 | 1759 | 5.4 | 0.5 | 2.5 | 1488 | 4.6 | 0.4 | 0.7 | 1081 | 1.3 | 0.1 | 25.0 | 51 | 36.3 | 0.1 |
| 1/7/10 14:30 | 4.0 | 2080 | 7.4 | 0.9 | 2.6 | 1756 | 4.8 | 0.5 | 3.1 | 1484 | 5.7 | 0.5 | 0.7 | 1075 | 1.3 | 0.1 | 19.0 | 51 | 27.1 | 0.1 |
| 1/7/10 15:00 | 3.9 | 2080 | 7.3 | 0.8 | 2.3 | 1750 | 4.2 | 0.4 | 2.6 | 1472 | 4.8 | 0.4 | 0.7 | 1055 | 1.3 | 0.1 | 18.0 | 50 | 25.6 | 0.1 |
| 1/7/10 15:30 | 4.6 | 2043 | 8.6 | 1.0 | 3.4 | 1723 | 6.3 | 0.6 | 2.8 | 1453 | 5.2 | 0.4 | 0.7 | 1048 | 1.3 | 0.1 | 22.0 | 50 | 31.7 | 0.1 |
| 1/7/10 16:00 | 4.6 | 2031 | 8.6 | 1.0 | 2.9 | 1710 | 5.4 | 0.5 | 2.2 | 1440 | 4.0 | 0.3 | 0.5 | 1035 | 0.9 | 0.1 | 17.0 | 49 | 24.1 | 0.1 |
| 1/7/10 16:30 | 4.0 | 2031 | 7.4 | 0.8 | 2.8 | 1706 | 5.2 | 0.5 | 2.3 | 1432 | 4.2 | 0.3 | 0.6 | 1022 | 1.1 | 0.1 | 18.0 | 49 | 25.6 | 0.1 |
| 1/7/10 17:00 | 4.2 | 1945 | 7.8 | 0.9 | 2.9 | 1644 | 5.4 | 0.5 | 2.0 | 1390 | 3.7 | 0.3 | 0.6 | 1009 | 1.1 | 0.1 | 24.0 | 48 | 34.8 | 0.1 |
| 1/7/10 17:30 | 3.9 | 1969 | 7.3 | 0.8 | 2.3 | 1658 | 4.2 | 0.4 | 1.9 | 1396 | 3.5 | 0.3 | 0.6 | 1003 | 1.1 | 0.1 | 61.0 | 48 | 93.6 | 0.3 |
| 1/7/10 18:00 | 5.5 | 1994 | 10.3 | 1.2 | 2.4 | 1670 | 4.4 | 0.4 | 1.9 | 1398 | 3.5 | 0.3 | 0.7 | 990 | 1.3 | 0.1 | 58.0 | 47 | 88.7 | 0.2 |
| 1/7/10 18:30 | 6.8 | 1904 | 12.8 | 1.4 | 2.8 | 1607 | 5.2 | 0.5 | 2.2 | 1358 | 4.0 | 0.3 | 0.8 | 983 | 1.4 | 0.1 | 29.0 | 47 | 42.5 | 0.1 |
| 1/7/10 19:00 | 4.0 | 1945 | 7.4 | 0.8 | 2.1 | 1633 | 3.9 | 0.4 | 2.7 | 1371 | 5.0 | 0.4 | 0.7 | 977 | 1.3 | 0.1 | 27.0 | 47 | 39.4 | 0.1 |
| 1/7/10 19:30 | 3.9 | 1904 | 7.3 | 0.8 | 2.5 | 1603 | 4.6 | 0.4 | 3.3 | 1350 | 6.1 | 0.5 | 0.6 | 971 | 1.1 | 0.1 | 23.0 | 46 | 33.2 | 0.1 |
| 1/7/10 20:00 | 3.6 | 1890 | 6.7 | 0.7 | 3.3 | 1590 | 6.1 | 0.5 | 3.1 | 1337 | 5.7 | 0.4 | 0.6 | 958 | 1.1 | 0.1 | 21.0 | 46 | 30.2 | 0.1 |
| 1/7/10 20:30 | 4.3 | 1809 | 8.0 | 0.8 | 3.1 | 1529 | 5.7 | 0.5 | 2.6 | 1293 | 4.8 | 0.3 | 0.6 | 940 | 1.1 | 0.1 | 22.0 | 45 | 31.7 | 0.1 |
| 1/7/10 21:00 | 3.7 | 1849 | 6.9 | 0.7 | 3.1 | 1556 | 5.7 | 0.5 | 2.4 | 1310 | 4.4 | 0.3 | 0.6 | 940 | 1.1 | 0.1 | 21.0 | 45 | 30.2 | 0.1 |
| 1/7/10 21:30 | 3.9 | 1783 | 7.3 | 0.7 | 2.6 | 1506 | 4.8 | 0.4 | 2.4 | 1272 | 4.4 | 0.3 | 0.6 | 921 | 1.1 | 0.1 | 16.0 | 44 | 22.6 | 0.1 |
| 1/7/10 22:00 | 3.7 | 1757 | 6.9 | 0.7 | 2.8 | 1486 | 5.2 | 0.4 | 3.1 | 1258 | 5.7 | 0.4 | 0.8 | 915 | 1.4 | 0.1 | 16.0 | 44 | 22.6 | 0.1 |
| 1/7/10 22:30 | 3.8 | 1809 | 7.1 | 0.7 | 2.6 | 1519 | 4.8 | 0.4 | 2.5 | 1275 | 4.6 | 0.3 | 0.6 | 909 | 1.1 | 0.1 | 15.0 | 44 | 21.1 | 0.1 |
| 1/7/10 23:00 | 4.3 | 1757 | 8.0 | 0.8 | 2.6 | 1480 | 4.8 | 0.4 | 1.9 | 1247 | 3.5 | 0.2 | 0.5 | 897 | 0.9 | 0.0 | 18.0 | 43 | 25.6 | 0.1 |
| 1/7/10 23:30 | 4.4 | 1757 | 8.2 | 0.8 | 2.2 | 1476 | 4.0 | 0.3 | 2.2 | 1240 | 4.0 | 0.3 | 0.6 | 885 | 1.1 | 0.1 | 15.0 | 43 | 21.1 | 0.1 |
| 1/8/10 0:00 | 4.3 | 1744 | 8.0 | 0.8 | 2.7 | 1462 | 5.0 | 0.4 | 2.2 | 1224 | 4.0 | 0.3 | 0.7 | 867 | 1.3 | 0.1 | 16.0 | 42 | 22.6 | 0.1 |
| 1/8/10 0:30 | 3.9 | 1693 | 7.3 | 0.7 | 2.5 | 1431 | 4.6 | 0.4 | 1.7 | 1210 | 3.1 | 0.2 | 0.7 | 879 | 1.3 | 0.1 | 16.0 | 42 | 22.6 | 0.1 |
| 1/8/10 1:00 | 3.4 | 1718 | 6.3 | 0.6 | 2.3 | 1440 | 4.2 | 0.3 | 2.0 | 1206 | 3.7 | 0.2 | 0.8 | 856 | 1.4 | 0.1 | 13.0 | 41 | 18.1 | 0.0 |
| 1/8/10 1:30 | 3.6 | 1705 | 6.7 | 0.6 | 2.0 | 1436 | 3.7 | 0.3 | 2.0 | 1208 | 3.7 | 0.2 | 2.2 | 867 | 4.0 | 0.2 | 13.0 | 42 | 18.1 | 0.0 |
| 1/8/10 2:00 | 3.5 | 1680 | 6.5 | 0.6 | 2.8 | 1413 | 5.2 | 0.4 | 1.8 | 1187 | 3.3 | 0.2 | 0.5 | 850 | 0.9 | 0.0 | 11.0 | 41 | 15.2 | 0.0 |
| 1/8/10 2:30 | 3.4 | 1680 | 6.3 | 0.6 | 1.8 | 1409 | 3.3 | 0.3 | 1.9 | 1181 | 3.5 | 0.2 | 0.7 | 838 | 1.3 | 0.1 | 15.0 | 40 | 21.1 | 0.0 |
| 1/8/10 3:00 | 3.2 | 1642 | 5.9 | 0.5 | 2.1 | 1381 | 3.9 | 0.3 | 1.6 | 1162 | 2.9 | 0.2 | 0.6 | 832 | 1.1 | 0.1 | 14.0 | 40 | 19.6 | 0.0 |
| 1/8/10 3:30 | 3.2 | 1642 | 5.9 | 0.5 | 2.6 | 1377 | 4.8 | 0.4 | 1.6 | 1155 | 2.9 | 0.2 | 0.7 | 821 | 1.3 | 0.1 | 13.0 | 40 | 18.1 | 0.0 |
| 1/8/10 4:00 | 3.5 | 1629 | 6.5 | 0.6 | 1.7 | 1369 | 3.1 | 0.2 | 1.8 | 1150 | 3.3 | 0.2 | 0.4 | 821 | 0.7 | 0.0 | 11.0 | 40 | 15.2 | 0.0 |
| 1/8/10 4:30 | 6.0 | 1616 | 11.3 | 1.0 | 2.5 | 1357 | 4.6 | 0.4 | 1.6 | 1138 | 2.9 | 0.2 | 0.5 | 810 | 0.9 | 0.0 | 10.0 | 39 | 13.7 | 0.0 |
| 1/8/10 5:00 | 3.5 | 1616 | 6.5 | 0.6 | 1.7 | 1353 | 3.1 | 0.2 | 1.7 | 1131 | 3.1 | 0.2 | 0.5 | 798 | 0.9 | 0.0 | 12.0 | 39 | 16.6 | 0.0 |
| 1/8/10 5:30 | 3.2 | 1554 | 5.9 | 0.5 | 1.8 | 1309 | 3.3 | 0.2 | 2.1 | 1103 | 3.9 | 0.2 | 1.0 | 793 | 1.8 | 0.1 | 10.0 | 38 | 13.7 | 0.0 |
| 1/8/10 6:00 | 3.2 | 1579 | 5.9 | 0.5 | 1.7 | 1326 | 3.1 | 0.2 | 1.6 | 1113 | 2.9 | 0.2 | 0.6 | 793 | 1.1 | 0.0 | 13.0 | 38 | 18.1 | 0.0 |
| 1/8/10 6:30 | 3.1 | 1567 | 5.7 | 0.5 | 2.4 | 1314 | 4.4 | 0.3 | 1.6 | 1101 | 2.9 | 0.2 | 0.4 | 782 | 0.7 | 0.0 | 17.0 | 38 | 24.1 | 0.1 |
| 1/8/10 7:00 | 3.1 | 1518 | 5.7 | 0.5 | 2.1 | 1283 | 3.9 | 0.3 | 2.0 | 1085 | 3.7 | 0.2 | 0.6 | 787 | 1.1 | 0.0 | 25.0 | 38 | 36.3 | 0.1 |
| 1/8/10 7:30 | 2.9 | 1554 | 5.4 | 0.5 | 2.1 | 1300 | 3.9 | 0.3 | 2.2 | 1086 | 4.0 | 0.2 | 0.7 | 765 | 1.3 | 0.1 | 14.0 | 37 | 19.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/8/10 8:00 | 3.0 | 1518 | 5.6 | 0.5 | 1.6 | 1277 | 2.9 | 0.2 | 1.6 | 1075 | 2.9 | 0.2 | 0.6 | 771 | 1.1 | 0.0 | 12.0 | 37 | 16.6 | 0.0 |
| 1/8/10 8:30 | 3.1 | 1518 | 5.7 | 0.5 | 1.7 | 1276 | 3.1 | 0.2 | 1.7 | 1071 | 3.1 | 0.2 | 0.4 | 765 | 0.7 | 0.0 | 18.0 | 37 | 25.6 | 0.1 |
| 1/8/10 9:00 | 4.2 | 1494 | 7.8 | 0.7 | 1.4 | 1256 | 2.6 | 0.2 | 1.9 | 1055 | 3.5 | 0.2 | 0.5 | 754 | 0.9 | 0.0 | 22.0 | 37 | 31.7 | 0.1 |
| 1/8/10 9:30 | 2.8 | 1494 | 5.2 | 0.4 | 1.8 | 1256 | 3.3 | 0.2 | 1.4 | 1055 | 2.6 | 0.2 | 0.6 | 754 | 1.1 | 0.0 | 23.0 | 37 | 33.2 | 0.1 |
| 1/8/10 10:00 | 2.9 | 1506 | 5.4 | 0.5 | 1.8 | 1260 | 3.3 | 0.2 | 1.5 | 1054 | 2.7 | 0.2 | 0.5 | 744 | 0.9 | 0.0 | 30.0 | 36 | 44.0 | 0.1 |
| 1/8/10 10:30 | 2.7 | 1482 | 5.0 | 0.4 | 2.0 | 1241 | 3.7 | 0.3 | 1.4 | 1038 | 2.6 | 0.1 | 0.5 | 733 | 0.9 | 0.0 | 41.0 | 36 | 61.4 | 0.1 |
| 1/8/10 11:00 | 3.1 | 1470 | 5.7 | 0.5 | 1.4 | 1235 | 2.6 | 0.2 | 1.8 | 1036 | 3.3 | 0.2 | 0.7 | 738 | 1.3 | 0.1 | 38.0 | 36 | 56.6 | 0.1 |
| 1/8/10 11:30 | 2.6 | 1424 | 4.8 | 0.4 | 1.7 | 1199 | 3.1 | 0.2 | 1.6 | 1011 | 2.9 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 35.0 | 35 | 51.9 | 0.1 |
| 1/8/10 12:00 | 2.6 | 1447 | 4.8 | 0.4 | 2.1 | 1213 | 3.9 | 0.3 | 2.2 | 1017 | 4.0 | 0.2 | 0.6 | 722 | 1.1 | 0.0 | 17.0 | 35 | 24.1 | 0.0 |
| 1/8/10 12:30 | 3.0 | 1435 | 5.6 | 0.4 | 2.1 | 1206 | 3.9 | 0.3 | 2.3 | 1012 | 4.2 | 0.2 | 0.4 | 722 | 0.7 | 0.0 | 14.0 | 35 | 19.6 | 0.0 |
| 1/8/10 13:00 | 2.8 | 1424 | 5.2 | 0.4 | 1.8 | 1194 | 3.3 | 0.2 | 2.2 | 1001 | 4.0 | 0.2 | 0.6 | 712 | 1.1 | 0.0 | 15.0 | 35 | 21.1 | 0.0 |
| 1/8/10 13:30 | 3.6 | 1424 | 6.7 | 0.5 | 2.1 | 1193 | 3.9 | 0.3 | 2.8 | 998 | 5.2 | 0.3 | 0.5 | 707 | 0.9 | 0.0 | 15.0 | 34 | 21.1 | 0.0 |
| 1/8/10 14:00 | 3.7 | 1401 | 6.9 | 0.5 | 2.1 | 1177 | 3.9 | 0.3 | 1.9 | 989 | 3.5 | 0.2 | 0.4 | 707 | 0.7 | 0.0 | 13.0 | 34 | 18.1 | 0.0 |
| 1/8/10 14:30 | 2.6 | 1412 | 4.8 | 0.4 | 2.5 | 1183 | 4.6 | 0.3 | 1.6 | 991 | 2.9 | 0.2 | 0.4 | 702 | 0.7 | 0.0 | 16.0 | 34 | 22.6 | 0.0 |
| 1/8/10 15:00 | 2.5 | 1378 | 4.6 | 0.4 | 1.9 | 1155 | 3.5 | 0.2 | 2.0 | 968 | 3.7 | 0.2 | 0.5 | 686 | 0.9 | 0.0 | 22.0 | 33 | 31.7 | 0.1 |
| 1/8/10 15:30 | 2.6 | 1378 | 4.8 | 0.4 | 1.7 | 1157 | 3.1 | 0.2 | 1.5 | 971 | 2.7 | 0.1 | 0.6 | 691 | 1.1 | 0.0 | 20.0 | 34 | 28.6 | 0.1 |
| 1/8/10 16:00 | 2.8 | 1378 | 5.2 | 0.4 | 1.9 | 1157 | 3.5 | 0.2 | 1.4 | 971 | 2.6 | 0.1 | 0.5 | 691 | 0.9 | 0.0 | 18.0 | 34 | 25.6 | 0.0 |
| 1/8/10 16:30 | 3.1 | 1378 | 5.7 | 0.4 | 1.5 | 1157 | 2.7 | 0.2 | 1.5 | 971 | 2.7 | 0.1 | 0.7 | 691 | 1.3 | 0.0 | 19.0 | 34 | 27.1 | 0.1 |
| 1/8/10 17:00 | 3.0 | 1356 | 5.6 | 0.4 | 1.9 | 1142 | 3.5 | 0.2 | 2.0 | 962 | 3.7 | 0.2 | 0.4 | 691 | 0.7 | 0.0 | 260.0 | 34 | 436.5 | 0.8 |
| 1/8/10 17:30 | 3.2 | 1378 | 5.9 | 0.5 | 2.2 | 1160 | 4.0 | 0.3 | 2.1 | 977 | 3.9 | 0.2 | 0.5 | 702 | 0.9 | 0.0 | 430.0 | 34 | 744.9 | 1.4 |
| 1/8/10 18:00 | 3.5 | 1378 | 6.5 | 0.5 | 2.1 | 1159 | 3.9 | 0.3 | 2.0 | 974 | 3.7 | 0.2 | 0.6 | 696 | 1.1 | 0.0 | 230.0 | 34 | 383.2 | 0.7 |
| 1/8/10 18:30 | 3.1 | 1389 | 5.7 | 0.4 | 2.0 | 1168 | 3.7 | 0.2 | 1.6 | 981 | 2.9 | 0.2 | 0.5 | 702 | 0.9 | 0.0 | 160.0 | 34 | 260.7 | 0.5 |
| 1/8/10 19:00 | 3.2 | 1389 | 5.9 | 0.5 | 1.7 | 1168 | 3.1 | 0.2 | 4.6 | 981 | 8.6 | 0.5 | 0.9 | 702 | 1.6 | 0.1 | 340.0 | 34 | 580.4 | 1.1 |
| 1/8/10 19:30 | 3.1 | 1367 | 5.7 | 0.4 | 2.2 | 1154 | 4.0 | 0.3 | 11.8 | 975 | 22.4 | 1.2 | 0.5 | 707 | 0.9 | 0.0 | 400.0 | 34 | 689.8 | 1.3 |
| 1/8/10 20:00 | 3.3 | 1367 | 6.1 | 0.5 | 3.1 | 1154 | 5.7 | 0.4 | 11.7 | 975 | 22.2 | 1.2 | 0.5 | 707 | 0.9 | 0.0 | 170.0 | 34 | 278.0 | 0.5 |
| 1/8/10 20:30 | 2.7 | 1367 | 5.0 | 0.4 | 7.8 | 1153 | 14.7 | 1.0 | 8.0 | 972 | 15.1 | 0.8 | 0.4 | 702 | 0.7 | 0.0 | 66.0 | 34 | 101.8 | 0.2 |
| 1/8/10 21:00 | 2.9 | 1345 | 5.4 | 0.4 | 9.5 | 1138 | 18.0 | 1.1 | 10.0 | 963 | 19.0 | 1.0 | 0.6 | 702 | 1.1 | 0.0 | 130.0 | 34 | 209.1 | 0.4 |
| 1/8/10 21:30 | 3.2 | 1345 | 5.9 | 0.4 | 7.1 | 1138 | 13.4 | 0.9 | 14.2 | 963 | 27.1 | 1.5 | 0.4 | 702 | 0.7 | 0.0 | 48.0 | 34 | 72.6 | 0.1 |
| 1/8/10 22:00 | 2.9 | 1356 | 5.4 | 0.4 | 7.3 | 1145 | 13.7 | 0.9 | 13.0 | 968 | 24.8 | 1.3 | 0.4 | 702 | 0.7 | 0.0 | 100.0 | 34 | 158.2 | 0.3 |
| 1/8/10 22:30 | 2.9 | 1334 | 5.4 | 0.4 | 9.0 | 1128 | 17.0 | 1.1 | 7.7 | 956 | 14.5 | 0.8 | 0.4 | 696 | 0.7 | 0.0 | 160.0 | 34 | 260.7 | 0.5 |
| 1/8/10 23:00 | 2.8 | 1345 | 5.2 | 0.4 | 10.6 | 1136 | 20.1 | 1.3 | 4.6 | 960 | 8.6 | 0.5 | 0.4 | 696 | 0.7 | 0.0 | 38.0 | 34 | 56.6 | 0.1 |
| 1/8/10 23:30 | 3.1 | 1334 | 5.7 | 0.4 | 6.6 | 1128 | 12.4 | 0.8 | 4.0 | 956 | 7.4 | 0.4 | 0.5 | 696 | 0.9 | 0.0 | 43.0 | 34 | 64.6 | 0.1 |
| 1/9/10 0:00 | 5.6 | 1334 | 10.5 | 0.8 | 4.3 | 1128 | 8.0 | 0.5 | 3.7 | 956 | 6.9 | 0.4 | 0.5 | 696 | 0.9 | 0.0 | 70.0 | 34 | 108.3 | 0.2 |
| 1/9/10 0:30 | 8.2 | 1334 | 15.5 | 1.2 | 3.2 | 1130 | 5.9 | 0.4 | 6.4 | 959 | 12.0 | 0.6 | 0.4 | 702 | 0.7 | 0.0 | 42.0 | 34 | 63.0 | 0.1 |
| 1/9/10 1:00 | 8.0 | 1345 | 15.1 | 1.1 | 3.2 | 1136 | 5.9 | 0.4 | 4.7 | 960 | 8.8 | 0.5 | 0.6 | 696 | 1.1 | 0.0 | 42.0 | 34 | 63.0 | 0.1 |
| 1/9/10 1:30 | 7.6 | 1334 | 14.3 | 1.1 | 5.0 | 1128 | 9.3 | 0.6 | 2.9 | 956 | 5.4 | 0.3 | 0.5 | 696 | 0.9 | 0.0 | 120.0 | 34 | 192.0 | 0.4 |
| 1/9/10 2:00 | 8.3 | 1301 | 15.7 | 1.1 | 4.3 | 1108 | 8.0 | 0.5 | 3.7 | 945 | 6.9 | 0.4 | 0.5 | 702 | 0.9 | 0.0 | 170.0 | 34 | 278.0 | 0.5 |
| 1/9/10 2:30 | 9.5 | 1312 | 18.0 | 1.3 | 3.2 | 1115 | 5.9 | 0.4 | 3.3 | 950 | 6.1 | 0.3 | 0.6 | 702 | 1.1 | 0.0 | 120.0 | 34 | 192.0 | 0.4 |
| 1/9/10 3:00 | 8.4 | 1312 | 15.9 | 1.2 | 2.7 | 1115 | 5.0 | 0.3 | 2.4 | 950 | 4.4 | 0.2 | 0.4 | 702 | 0.7 | 0.0 | 180.0 | 34 | 295.4 | 0.6 |
| 1/9/10 3:30 | 5.9 | 1312 | 11.1 | 0.8 | 2.5 | 1112 | 4.6 | 0.3 | 5.0 | 944 | 9.3 | 0.5 | 0.5 | 691 | 0.9 | 0.0 | 140.0 | 34 | 226.2 | 0.4 |
| 1/9/10 4:00 | 4.5 | 1323 | 8.4 | 0.6 | 1.9 | 1121 | 3.5 | 0.2 | 5.2 | 951 | 9.7 | 0.5 | 0.6 | 696 | 1.1 | 0.0 | 52.0 | 34 | 79.0 | 0.2 |
| 1/9/10 4:30 | 4.3 | 1290 | 8.0 | 0.6 | 3.7 | 1097 | 6.9 | 0.4 | 5.5 | 935 | 10.3 | 0.5 | 0.4 | 691 | 0.7 | 0.0 | 29.0 | 34 | 42.5 | 0.1 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow (ft$^3$/s) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow (ft$^3$/s) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow (ft$^3$/s) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow (ft$^3$/s) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow (ft$^3$/s) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/9/10 5:00 | 5.4 | 1312 | 10.1 | 0.7 | 3.9 | 1114 | 7.3 | 0.5 | 6.5 | 947 | 12.2 | 0.6 | 0.4 | 696 | 0.7 | 0.0 | 31.0 | 34 | 45.6 | 0.1 |
| 1/9/10 5:30 | 5.1 | 1280 | 9.5 | 0.7 | 4.8 | 1093 | 9.0 | 0.6 | 6.9 | 937 | 13.0 | 0.7 | 0.5 | 702 | 0.9 | 0.0 | 55.0 | 34 | 83.9 | 0.2 |
| 1/9/10 6:00 | 4.4 | 1290 | 8.2 | 0.6 | 5.4 | 1101 | 10.1 | 0.6 | 5.1 | 941 | 9.5 | 0.5 | 0.5 | 702 | 0.9 | 0.0 | 200.0 | 34 | 330.4 | 0.6 |
| 1/9/10 6:30 | 5.9 | 1290 | 11.1 | 0.8 | 6.1 | 1101 | 11.4 | 0.7 | 2.9 | 941 | 5.4 | 0.3 | 0.4 | 702 | 0.7 | 0.0 | 360.0 | 34 | 616.8 | 1.2 |
| 1/9/10 7:00 | 3.5 | 1301 | 6.5 | 0.5 | 4.3 | 1108 | 8.0 | 0.5 | 3.1 | 945 | 5.7 | 0.3 | 0.5 | 702 | 0.9 | 0.0 | 150.0 | 34 | 243.4 | 0.5 |
| 1/9/10 7:30 | 3.8 | 1269 | 7.1 | 0.5 | 3.4 | 1086 | 6.3 | 0.4 | 2.6 | 932 | 4.8 | 0.3 | 0.4 | 702 | 0.7 | 0.0 | 130.0 | 34 | 209.1 | 0.4 |
| 1/9/10 8:00 | 4.0 | 1290 | 7.4 | 0.5 | 2.3 | 1101 | 4.2 | 0.3 | 6.4 | 941 | 12.0 | 0.6 | 0.5 | 702 | 0.9 | 0.0 | 41.0 | 34 | 61.4 | 0.1 |
| 1/9/10 8:30 | 4.5 | 1280 | 8.4 | 0.6 | 2.1 | 1095 | 3.9 | 0.2 | 9.1 | 940 | 17.2 | 0.9 | 0.5 | 707 | 0.9 | 0.0 | 59.0 | 34 | 90.3 | 0.2 |
| 1/9/10 9:00 | 4.8 | 1280 | 9.0 | 0.6 | 3.3 | 1097 | 6.1 | 0.4 | 10.1 | 943 | 19.1 | 1.0 | 0.3 | 712 | 0.5 | 0.0 | 73.0 | 35 | 113.3 | 0.2 |
| 1/9/10 9:30 | 5.0 | 1269 | 9.3 | 0.7 | 6.4 | 1086 | 12.0 | 0.7 | 7.3 | 932 | 13.7 | 0.7 | 0.4 | 702 | 0.7 | 0.0 | 39.0 | 34 | 58.2 | 0.1 |
| 1/9/10 10:00 | 5.5 | 1301 | 10.3 | 0.8 | 8.1 | 1111 | 15.3 | 1.0 | 4.1 | 952 | 7.6 | 0.4 | 0.4 | 712 | 0.7 | 0.0 | 81.0 | 35 | 126.5 | 0.2 |
| 1/9/10 10:30 | 5.1 | 1258 | 9.5 | 0.7 | 6.4 | 1081 | 12.0 | 0.7 | 3.1 | 931 | 5.7 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 44.0 | 34 | 66.2 | 0.1 |
| 1/9/10 11:00 | 4.5 | 1280 | 8.4 | 0.6 | 4.4 | 1098 | 8.2 | 0.5 | 3.1 | 946 | 5.7 | 0.3 | 0.3 | 717 | 0.5 | 0.0 | 41.0 | 35 | 61.4 | 0.1 |
| 1/9/10 11:30 | 3.3 | 1258 | 6.1 | 0.4 | 3.2 | 1081 | 5.9 | 0.4 | 2.9 | 931 | 5.4 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 28.0 | 34 | 40.9 | 0.1 |
| 1/9/10 12:00 | 3.6 | 1269 | 6.7 | 0.5 | 2.6 | 1088 | 4.8 | 0.3 | 3.2 | 935 | 5.9 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 24.0 | 34 | 34.8 | 0.1 |
| 1/9/10 12:30 | 3.2 | 1269 | 5.9 | 0.4 | 2.6 | 1091 | 4.8 | 0.3 | 3.0 | 942 | 5.6 | 0.3 | 0.4 | 717 | 0.7 | 0.0 | 20.0 | 35 | 28.6 | 0.1 |
| 1/9/10 13:00 | 4.4 | 1248 | 8.2 | 0.6 | 2.4 | 1073 | 4.4 | 0.3 | 3.3 | 927 | 6.1 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 24.0 | 34 | 34.8 | 0.1 |
| 1/9/10 13:30 | 6.5 | 1258 | 12.2 | 0.9 | 2.3 | 1081 | 4.2 | 0.3 | 2.0 | 931 | 3.7 | 0.2 | 0.3 | 707 | 0.5 | 0.0 | 20.0 | 34 | 28.6 | 0.1 |
| 1/9/10 14:00 | 6.8 | 1248 | 12.8 | 0.9 | 2.0 | 1072 | 3.7 | 0.2 | 1.9 | 924 | 3.5 | 0.2 | 0.5 | 702 | 0.9 | 0.0 | 20.0 | 34 | 28.6 | 0.1 |
| 1/9/10 14:30 | 5.4 | 1248 | 10.1 | 0.7 | 2.6 | 1073 | 4.8 | 0.3 | 1.7 | 927 | 3.1 | 0.2 | 0.3 | 707 | 0.5 | 0.0 | 19.0 | 34 | 27.1 | 0.1 |
| 1/9/10 15:00 | 4.6 | 1248 | 8.6 | 0.6 | 1.7 | 1070 | 3.1 | 0.2 | 1.6 | 921 | 2.9 | 0.2 | 0.4 | 696 | 0.7 | 0.0 | 21.0 | 34 | 30.2 | 0.1 |
| 1/9/10 15:30 | 3.6 | 1227 | 6.7 | 0.5 | 2.0 | 1056 | 3.7 | 0.2 | 1.6 | 912 | 2.9 | 0.1 | 0.4 | 696 | 0.7 | 0.0 | 18.0 | 34 | 25.6 | 0.0 |
| 1/9/10 16:00 | 3.7 | 1227 | 6.9 | 0.5 | 1.1 | 1058 | 2.0 | 0.1 | 2.4 | 915 | 4.4 | 0.2 | 0.4 | 702 | 0.7 | 0.0 | 18.0 | 34 | 25.6 | 0.0 |
| 1/9/10 16:30 | 3.5 | 1237 | 6.5 | 0.5 | 1.4 | 1061 | 2.6 | 0.2 | 1.6 | 913 | 2.9 | 0.2 | 0.4 | 691 | 0.7 | 0.0 | 19.0 | 34 | 27.1 | 0.1 |
| 1/9/10 17:00 | 3.0 | 1237 | 5.6 | 0.4 | 1.1 | 1063 | 2.0 | 0.1 | 1.7 | 916 | 3.1 | 0.2 | 0.4 | 696 | 0.7 | 0.0 | 16.0 | 34 | 22.6 | 0.0 |
| 1/9/10 17:30 | 3.2 | 1227 | 5.9 | 0.4 | 2.0 | 1056 | 3.7 | 0.2 | 1.7 | 912 | 3.1 | 0.2 | 0.3 | 696 | 0.5 | 0.0 | 12.0 | 34 | 16.6 | 0.0 |
| 1/9/10 18:00 | 2.9 | 1216 | 5.4 | 0.4 | 1.2 | 1047 | 2.2 | 0.1 | 1.7 | 905 | 3.1 | 0.2 | 0.3 | 691 | 0.5 | 0.0 | 12.0 | 34 | 16.6 | 0.0 |
| 1/9/10 18:30 | 3.2 | 1227 | 5.9 | 0.4 | 1.4 | 1054 | 2.6 | 0.2 | 1.4 | 909 | 2.6 | 0.1 | 0.4 | 691 | 0.7 | 0.0 | 12.0 | 34 | 16.6 | 0.0 |
| 1/9/10 19:00 | 2.7 | 1216 | 5.0 | 0.3 | 1.3 | 1047 | 2.4 | 0.1 | 2.2 | 905 | 4.0 | 0.2 | 0.4 | 691 | 0.7 | 0.0 | 14.0 | 34 | 19.6 | 0.0 |
| 1/9/10 19:30 | 2.9 | 1227 | 5.4 | 0.4 | 1.5 | 1053 | 2.7 | 0.2 | 1.7 | 906 | 3.1 | 0.2 | 0.5 | 686 | 0.9 | 0.0 | 13.0 | 33 | 18.1 | 0.0 |
| 1/9/10 20:00 | 2.9 | 1206 | 5.4 | 0.4 | 1.7 | 1037 | 3.1 | 0.2 | 1.6 | 895 | 2.9 | 0.1 | 0.3 | 681 | 0.5 | 0.0 | 15.0 | 33 | 21.1 | 0.0 |
| 1/9/10 20:30 | 2.5 | 1196 | 4.6 | 0.3 | 0.9 | 1030 | 1.6 | 0.1 | 1.5 | 890 | 2.7 | 0.1 | 0.5 | 681 | 0.9 | 0.0 | 14.0 | 33 | 19.6 | 0.0 |
| 1/9/10 21:00 | 2.3 | 1206 | 4.2 | 0.3 | 1.4 | 1035 | 2.6 | 0.1 | 1.3 | 892 | 2.4 | 0.1 | 0.6 | 676 | 1.1 | 0.0 | 14.0 | 33 | 19.6 | 0.0 |
| 1/9/10 21:30 | 2.3 | 1196 | 4.2 | 0.3 | 1.0 | 1027 | 1.8 | 0.1 | 1.4 | 884 | 2.6 | 0.1 | 0.5 | 671 | 0.9 | 0.0 | 12.0 | 33 | 16.6 | 0.0 |
| 1/9/10 22:00 | 2.4 | 1185 | 4.4 | 0.3 | 1.2 | 1023 | 2.2 | 0.1 | 1.3 | 886 | 2.4 | 0.1 | 0.4 | 681 | 0.7 | 0.0 | 13.0 | 33 | 18.1 | 0.0 |
| 1/9/10 22:30 | 2.5 | 1227 | 4.6 | 0.3 | 1.2 | 1048 | 2.2 | 0.1 | 1.3 | 897 | 2.4 | 0.1 | 0.3 | 671 | 0.5 | 0.0 | 13.0 | 33 | 18.1 | 0.0 |
| 1/9/10 23:00 | 2.1 | 1175 | 3.9 | 0.3 | 2.1 | 1013 | 3.9 | 0.2 | 1.4 | 876 | 2.6 | 0.1 | 0.4 | 671 | 0.7 | 0.0 | 13.0 | 33 | 18.1 | 0.0 |
| 1/9/10 23:30 | 2.5 | 1175 | 4.6 | 0.3 | 0.8 | 1013 | 1.4 | 0.1 | 1.3 | 876 | 2.4 | 0.1 | 0.3 | 671 | 0.5 | 0.0 | 14.0 | 33 | 19.6 | 0.0 |
| 1/10/10 0:00 | 2.4 | 1185 | 4.4 | 0.3 | 1.0 | 1017 | 1.8 | 0.1 | 1.3 | 874 | 2.4 | 0.1 | 0.5 | 661 | 0.9 | 0.0 | 12.0 | 32 | 16.6 | 0.0 |
| 1/10/10 0:30 | 2.5 | 1165 | 4.6 | 0.3 | 1.1 | 1001 | 2.0 | 0.1 | 1.3 | 863 | 2.4 | 0.1 | 0.4 | 656 | 0.7 | 0.0 | 13.0 | 32 | 18.1 | 0.0 |
| 1/10/10 1:00 | 2.2 | 1155 | 4.0 | 0.3 | 1.0 | 991 | 1.8 | 0.1 | 1.3 | 853 | 2.4 | 0.1 | 0.4 | 646 | 0.7 | 0.0 | 27.0 | 32 | 39.4 | 0.1 |
| 1/10/10 1:30 | 2.9 | 1155 | 5.4 | 0.3 | 1.5 | 993 | 2.7 | 0.2 | 1.3 | 856 | 2.4 | 0.1 | 0.3 | 651 | 0.5 | 0.0 | 15.0 | 32 | 21.1 | 0.0 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow (ft$^3$/s) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow (ft$^3$/s) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow (ft$^3$/s) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow (ft$^3$/s) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow (ft$^3$/s) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/10/10 2:00 | 2.4 | 1145 | 4.4 | 0.3 | 1.2 | 984 | 2.2 | 0.1 | 1.2 | 849 | 2.2 | 0.1 | 0.4 | 646 | 0.7 | 0.0 | 18.0 | 32 | 25.6 | 0.0 |
| 1/10/10 2:30 | 2.3 | 1135 | 4.2 | 0.3 | 1.2 | 979 | 2.2 | 0.1 | 1.3 | 848 | 2.4 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 16.0 | 32 | 22.6 | 0.0 |
| 1/10/10 3:00 | 2.3 | 1135 | 4.2 | 0.3 | 0.9 | 979 | 1.6 | 0.1 | 1.5 | 848 | 2.7 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 43.0 | 32 | 64.6 | 0.1 |
| 1/10/10 3:30 | 2.2 | 1135 | 4.0 | 0.3 | 1.5 | 976 | 2.7 | 0.2 | 1.3 | 842 | 2.4 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 24.0 | 31 | 34.8 | 0.1 |
| 1/10/10 4:00 | 2.2 | 1125 | 4.0 | 0.3 | 1.3 | 969 | 2.4 | 0.1 | 1.3 | 838 | 2.4 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 29.0 | 31 | 42.5 | 0.1 |
| 1/10/10 4:30 | 2.3 | 1125 | 4.2 | 0.3 | 1.2 | 966 | 2.2 | 0.1 | 1.3 | 832 | 2.4 | 0.1 | 0.3 | 631 | 0.5 | 0.0 | 22.0 | 31 | 31.7 | 0.1 |
| 1/10/10 5:00 | 2.2 | 1125 | 4.0 | 0.3 | 1.4 | 966 | 2.6 | 0.1 | 1.6 | 832 | 2.9 | 0.1 | 0.5 | 631 | 0.9 | 0.0 | 14.0 | 31 | 19.6 | 0.0 |
| 1/10/10 5:30 | 2.1 | 1125 | 3.9 | 0.2 | 0.9 | 968 | 1.6 | 0.1 | 1.9 | 835 | 3.5 | 0.2 | 0.4 | 636 | 0.7 | 0.0 | 16.0 | 31 | 22.6 | 0.0 |
| 1/10/10 6:00 | 2.4 | 1115 | 4.4 | 0.3 | 1.0 | 961 | 1.8 | 0.1 | 1.7 | 831 | 3.1 | 0.1 | 0.3 | 636 | 0.5 | 0.0 | 16.0 | 31 | 22.6 | 0.0 |
| 1/10/10 6:30 | 2.1 | 1096 | 3.9 | 0.2 | 1.5 | 946 | 2.7 | 0.1 | 1.9 | 820 | 3.5 | 0.2 | 0.4 | 631 | 0.7 | 0.0 | 13.0 | 31 | 18.1 | 0.0 |
| 1/10/10 7:00 | 2.1 | 1096 | 3.9 | 0.2 | 1.6 | 943 | 2.9 | 0.2 | 1.5 | 815 | 2.7 | 0.1 | 0.3 | 622 | 0.5 | 0.0 | 13.0 | 31 | 18.1 | 0.0 |
| 1/10/10 7:30 | 2.2 | 1096 | 4.0 | 0.2 | 1.4 | 940 | 2.6 | 0.1 | 1.6 | 809 | 2.9 | 0.1 | 0.4 | 612 | 0.7 | 0.0 | 13.0 | 30 | 18.1 | 0.0 |
| 1/10/10 8:00 | 2.2 | 1096 | 4.0 | 0.2 | 1.2 | 943 | 2.2 | 0.1 | 1.7 | 815 | 3.1 | 0.1 | 0.4 | 622 | 0.7 | 0.0 | 12.0 | 31 | 16.6 | 0.0 |
| 1/10/10 8:30 | 2.1 | 1086 | 3.9 | 0.2 | 1.2 | 935 | 2.2 | 0.1 | 1.7 | 808 | 3.1 | 0.1 | 0.4 | 617 | 0.7 | 0.0 | 12.0 | 30 | 16.6 | 0.0 |
| 1/10/10 9:00 | 2.3 | 1086 | 4.2 | 0.3 | 0.9 | 934 | 1.6 | 0.1 | 1.5 | 805 | 2.7 | 0.1 | 0.4 | 612 | 0.7 | 0.0 | 13.0 | 30 | 18.1 | 0.0 |
| 1/10/10 9:30 | 2.4 | 1067 | 4.4 | 0.3 | 0.9 | 920 | 1.6 | 0.1 | 1.3 | 797 | 2.4 | 0.1 | 0.3 | 612 | 0.5 | 0.0 | 13.0 | 30 | 18.1 | 0.0 |
| 1/10/10 10:00 | 2.4 | 1067 | 4.4 | 0.3 | 1.6 | 920 | 2.9 | 0.2 | 1.2 | 797 | 2.2 | 0.1 | 0.3 | 612 | 0.5 | 0.0 | 9.2 | 30 | 12.6 | 0.0 |
| 1/10/10 10:30 | 2.3 | 1048 | 4.2 | 0.2 | 0.9 | 905 | 1.6 | 0.1 | 1.6 | 784 | 2.9 | 0.1 | 0.6 | 602 | 1.1 | 0.0 | 13.0 | 30 | 18.1 | 0.0 |
| 1/10/10 11:00 | 2.8 | 1058 | 5.2 | 0.3 | 0.9 | 913 | 1.6 | 0.1 | 1.4 | 790 | 2.6 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 12.0 | 30 | 16.6 | 0.0 |
| 1/10/10 11:30 | 2.6 | 1067 | 4.8 | 0.3 | 1.0 | 916 | 1.8 | 0.1 | 1.2 | 789 | 2.2 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 13.0 | 29 | 18.1 | 0.0 |
| 1/10/10 12:00 | 2.2 | 1048 | 4.0 | 0.2 | 0.8 | 903 | 1.4 | 0.1 | 1.2 | 781 | 2.2 | 0.1 | 0.5 | 598 | 0.9 | 0.0 | 9.9 | 29 | 13.6 | 0.0 |
| 1/10/10 12:30 | 2.0 | 1058 | 3.7 | 0.2 | 0.8 | 908 | 1.4 | 0.1 | 1.1 | 782 | 2.0 | 0.1 | 0.4 | 593 | 0.7 | 0.0 | 16.0 | 29 | 22.6 | 0.0 |
| 1/10/10 13:00 | 2.1 | 1058 | 3.9 | 0.2 | 0.9 | 908 | 1.6 | 0.1 | 2.7 | 782 | 5.0 | 0.2 | 0.4 | 593 | 0.7 | 0.0 | 22.0 | 29 | 31.7 | 0.1 |
| 1/10/10 13:30 | 2.1 | 1048 | 3.9 | 0.2 | 0.8 | 902 | 1.4 | 0.1 | 1.3 | 778 | 2.4 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 20.0 | 29 | 28.6 | 0.0 |
| 1/10/10 14:00 | 1.9 | 1020 | 3.5 | 0.2 | 1.0 | 881 | 1.8 | 0.1 | 1.4 | 764 | 2.6 | 0.1 | 0.4 | 588 | 0.7 | 0.0 | 16.0 | 29 | 22.6 | 0.0 |
| 1/10/10 14:30 | 2.3 | 1039 | 4.2 | 0.2 | 1.0 | 894 | 1.8 | 0.1 | 1.2 | 772 | 2.2 | 0.1 | 0.4 | 588 | 0.7 | 0.0 | 16.0 | 29 | 22.6 | 0.0 |
| 1/10/10 15:00 | 1.9 | 1029 | 3.5 | 0.2 | 2.1 | 886 | 3.9 | 0.2 | 1.4 | 765 | 2.6 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 13.0 | 29 | 18.1 | 0.0 |
| 1/10/10 15:30 | 1.9 | 1029 | 3.5 | 0.2 | 0.7 | 884 | 1.3 | 0.1 | 1.5 | 762 | 2.7 | 0.1 | 0.4 | 579 | 0.7 | 0.0 | 11.0 | 29 | 15.2 | 0.0 |
| 1/10/10 16:00 | 2.1 | 1012 | 3.9 | 0.2 | 1.0 | 872 | 1.8 | 0.1 | 1.3 | 755 | 2.4 | 0.1 | 0.4 | 579 | 0.7 | 0.0 | 12.0 | 29 | 16.6 | 0.0 |
| 1/10/10 16:30 | 2.2 | 1003 | 4.0 | 0.2 | 1.0 | 865 | 1.8 | 0.1 | 1.3 | 749 | 2.4 | 0.1 | 0.4 | 575 | 0.7 | 0.0 | 11.0 | 28 | 15.2 | 0.0 |
| 1/10/10 17:00 | 1.8 | 995 | 3.3 | 0.2 | 1.2 | 859 | 2.2 | 0.1 | 1.2 | 745 | 2.2 | 0.1 | 0.4 | 575 | 0.7 | 0.0 | 11.0 | 28 | 15.2 | 0.0 |
| 1/10/10 17:30 | 2.3 | 1003 | 4.2 | 0.2 | 1.1 | 862 | 2.0 | 0.1 | 1.2 | 743 | 2.2 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 10.0 | 28 | 13.7 | 0.0 |
| 1/10/10 18:00 | 1.9 | 978 | 3.5 | 0.2 | 1.0 | 847 | 1.8 | 0.1 | 1.3 | 736 | 2.4 | 0.1 | 0.4 | 570 | 0.7 | 0.0 | 10.0 | 28 | 13.7 | 0.0 |
| 1/10/10 18:30 | 1.6 | 1012 | 2.9 | 0.2 | 1.0 | 868 | 1.8 | 0.1 | 1.2 | 747 | 2.2 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 9.6 | 28 | 13.1 | 0.0 |
| 1/10/10 19:00 | 2.0 | 978 | 3.7 | 0.2 | 1.0 | 845 | 1.8 | 0.1 | 1.1 | 733 | 2.0 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 12.0 | 28 | 16.6 | 0.0 |
| 1/10/10 19:30 | 2.0 | 978 | 3.7 | 0.2 | 0.8 | 844 | 1.4 | 0.1 | 1.3 | 731 | 2.4 | 0.1 | 0.4 | 561 | 0.7 | 0.0 | 7.8 | 28 | 10.5 | 0.0 |
| 1/10/10 20:00 | 1.9 | 986 | 3.5 | 0.2 | 0.7 | 849 | 1.3 | 0.1 | 1.4 | 734 | 2.6 | 0.1 | 0.5 | 561 | 0.9 | 0.0 | 8.4 | 28 | 11.4 | 0.0 |
| 1/10/10 20:30 | 1.7 | 986 | 3.1 | 0.2 | 0.9 | 848 | 1.6 | 0.1 | 1.1 | 731 | 2.0 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 13.0 | 27 | 18.1 | 0.0 |
| 1/10/10 21:00 | 2.0 | 970 | 3.7 | 0.2 | 1.2 | 835 | 2.2 | 0.1 | 1.2 | 722 | 2.2 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 20.0 | 27 | 28.6 | 0.0 |
| 1/10/10 21:30 | 2.0 | 970 | 3.7 | 0.2 | 0.8 | 834 | 1.4 | 0.1 | 1.3 | 719 | 2.4 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 20.0 | 27 | 28.6 | 0.0 |
| 1/10/10 22:00 | 2.1 | 962 | 3.9 | 0.2 | 1.1 | 828 | 2.0 | 0.1 | 1.3 | 716 | 2.4 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 17.0 | 27 | 24.1 | 0.0 |
| 1/10/10 22:30 | 2.1 | 953 | 3.9 | 0.2 | 1.0 | 823 | 1.8 | 0.1 | 0.9 | 713 | 1.6 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 19.0 | 27 | 27.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 1/10/10 23:00 | 2.1 | 962 | 3.9 | 0.2 | 0.9 | 828 | 1.6 | 0.1 | 1.3 | 716 | 2.4 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 24.0 | 27 | 34.8 | 0.1 |
| 1/10/10 23:30 | 2.0 | 970 | 3.7 | 0.2 | 0.6 | 834 | 1.1 | 0.1 | 1.4 | 719 | 2.6 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 23.0 | 27 | 33.2 | 0.1 |
| 1/11/10 0:00 | 1.8 | 937 | 3.3 | 0.2 | 0.8 | 810 | 1.4 | 0.1 | 2.4 | 703 | 4.4 | 0.2 | 0.3 | 543 | 0.5 | 0.0 | 17.0 | 27 | 24.1 | 0.0 |
| 1/11/10 0:30 | 2.4 | 953 | 4.4 | 0.2 | 0.7 | 820 | 1.3 | 0.1 | 1.4 | 707 | 2.6 | 0.1 | 0.4 | 539 | 0.7 | 0.0 | 17.0 | 27 | 24.1 | 0.0 |
| 1/11/10 1:00 | 1.6 | 937 | 2.9 | 0.2 | 1.4 | 806 | 2.6 | 0.1 | 1.2 | 695 | 2.2 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 20.0 | 26 | 28.6 | 0.0 |
| 1/11/10 1:30 | 2.0 | 937 | 3.7 | 0.2 | 0.9 | 809 | 1.6 | 0.1 | 1.7 | 701 | 3.1 | 0.1 | 0.5 | 539 | 0.9 | 0.0 | 14.0 | 27 | 19.6 | 0.0 |
| 1/11/10 2:00 | 1.9 | 937 | 3.5 | 0.2 | 1.0 | 807 | 1.8 | 0.1 | 1.4 | 698 | 2.6 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 13.0 | 26 | 18.1 | 0.0 |
| 1/11/10 2:30 | 1.8 | 937 | 3.3 | 0.2 | 0.8 | 807 | 1.4 | 0.1 | 1.3 | 698 | 2.4 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 1/11/10 3:00 | 1.6 | 937 | 2.9 | 0.2 | 1.0 | 805 | 1.8 | 0.1 | 1.3 | 693 | 2.4 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 9.7 | 26 | 13.3 | 0.0 |
| 1/11/10 3:30 | 1.9 | 929 | 3.5 | 0.2 | 1.0 | 801 | 1.8 | 0.1 | 1.5 | 692 | 2.7 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 1/11/10 4:00 | 1.8 | 921 | 3.3 | 0.2 | 1.1 | 794 | 2.0 | 0.1 | 1.3 | 686 | 2.4 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 8.9 | 26 | 12.1 | 0.0 |
| 1/11/10 4:30 | 1.8 | 921 | 3.3 | 0.2 | 0.8 | 792 | 1.4 | 0.1 | 1.2 | 684 | 2.2 | 0.1 | 0.5 | 521 | 0.9 | 0.0 | 9.7 | 26 | 13.3 | 0.0 |
| 1/11/10 5:00 | 2.1 | 929 | 3.9 | 0.2 | 1.0 | 798 | 1.8 | 0.1 | 1.1 | 687 | 2.0 | 0.1 | 0.3 | 521 | 0.5 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 1/11/10 5:30 | 2.3 | 913 | 4.2 | 0.2 | 1.0 | 786 | 1.8 | 0.1 | 3.0 | 678 | 5.6 | 0.2 | 0.4 | 517 | 0.7 | 0.0 | 12.0 | 26 | 16.6 | 0.0 |
| 1/11/10 6:00 | 1.9 | 913 | 3.5 | 0.2 | 1.0 | 786 | 1.8 | 0.1 | 1.0 | 678 | 1.8 | 0.1 | 0.3 | 517 | 0.5 | 0.0 | 12.0 | 26 | 16.6 | 0.0 |
| 1/11/10 6:30 | 1.9 | 897 | 3.5 | 0.2 | 0.7 | 775 | 1.3 | 0.1 | 1.0 | 672 | 1.8 | 0.1 | 0.3 | 517 | 0.5 | 0.0 | 9.4 | 26 | 12.8 | 0.0 |
| 1/11/10 7:00 | 2.2 | 905 | 4.0 | 0.2 | 1.0 | 779 | 1.8 | 0.1 | 1.1 | 672 | 2.0 | 0.1 | 0.3 | 512 | 0.5 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 1/11/10 7:30 | 2.2 | 905 | 4.0 | 0.2 | 0.7 | 779 | 1.3 | 0.1 | 1.2 | 672 | 2.2 | 0.1 | 0.4 | 512 | 0.7 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 1/11/10 8:00 | 2.2 | 905 | 4.0 | 0.2 | 0.7 | 777 | 1.3 | 0.1 | 1.2 | 670 | 2.2 | 0.1 | 0.3 | 508 | 0.5 | 0.0 | 9.5 | 25 | 13.0 | 0.0 |
| 1/11/10 8:30 | 1.9 | 897 | 3.5 | 0.2 | 0.6 | 772 | 1.1 | 0.0 | 1.3 | 666 | 2.4 | 0.1 | 0.3 | 508 | 0.5 | 0.0 | 13.0 | 25 | 18.1 | 0.0 |
| 1/11/10 9:00 | 2.1 | 905 | 3.9 | 0.2 | 1.0 | 777 | 1.8 | 0.1 | 1.2 | 670 | 2.2 | 0.1 | 0.4 | 508 | 0.7 | 0.0 | 9.7 | 25 | 13.3 | 0.0 |
| 1/11/10 9:30 | 1.7 | 890 | 3.1 | 0.2 | 0.7 | 767 | 1.3 | 0.1 | 0.9 | 663 | 1.6 | 0.1 | 0.5 | 508 | 0.9 | 0.0 | 7.7 | 25 | 10.4 | 0.0 |
| 1/11/10 10:00 | 2.1 | 890 | 3.9 | 0.2 | 0.7 | 765 | 1.3 | 0.1 | 0.9 | 661 | 1.6 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 1/11/10 10:30 | 1.9 | 882 | 3.5 | 0.2 | 0.6 | 760 | 1.1 | 0.0 | 1.1 | 658 | 2.0 | 0.1 | 1.0 | 504 | 1.8 | 0.1 | 9.1 | 25 | 12.4 | 0.0 |
| 1/11/10 11:00 | 1.8 | 874 | 3.3 | 0.2 | 0.9 | 755 | 1.6 | 0.1 | 1.0 | 654 | 1.8 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 9.5 | 25 | 13.0 | 0.0 |
| 1/11/10 11:30 | 2.0 | 874 | 3.7 | 0.2 | 1.3 | 755 | 2.4 | 0.1 | 1.1 | 654 | 2.0 | 0.1 | 0.3 | 504 | 0.5 | 0.0 | 10.0 | 25 | 13.7 | 0.0 |
| 1/11/10 12:00 | 1.7 | 882 | 3.1 | 0.2 | 0.7 | 759 | 1.3 | 0.1 | 1.2 | 655 | 2.2 | 0.1 | 0.4 | 500 | 0.7 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 1/11/10 12:30 | 1.7 | 874 | 3.1 | 0.2 | 1.0 | 753 | 1.8 | 0.1 | 1.0 | 652 | 1.8 | 0.1 | 0.3 | 500 | 0.5 | 0.0 | 8.2 | 25 | 11.1 | 0.0 |
| 1/11/10 13:00 | 1.7 | 874 | 3.1 | 0.2 | 0.6 | 752 | 1.1 | 0.0 | 0.9 | 649 | 1.6 | 0.1 | 0.3 | 495 | 0.5 | 0.0 | 8.6 | 25 | 11.7 | 0.0 |
| 1/11/10 13:30 | 1.8 | 874 | 3.3 | 0.2 | 1.0 | 752 | 1.8 | 0.1 | 1.0 | 649 | 1.8 | 0.1 | 0.6 | 495 | 1.1 | 0.0 | 9.6 | 25 | 13.1 | 0.0 |
| 1/11/10 14:00 | 2.2 | 882 | 4.0 | 0.2 | 1.8 | 757 | 3.3 | 0.1 | 0.9 | 653 | 1.6 | 0.1 | 0.4 | 495 | 0.7 | 0.0 | 8.2 | 25 | 11.1 | 0.0 |
| 1/11/10 14:30 | 2.1 | 866 | 3.9 | 0.2 | 0.6 | 745 | 1.1 | 0.0 | 0.8 | 644 | 1.4 | 0.1 | 0.4 | 491 | 0.7 | 0.0 | 9.8 | 24 | 13.4 | 0.0 |
| 1/11/10 15:00 | 1.7 | 866 | 3.1 | 0.2 | 0.6 | 744 | 1.1 | 0.0 | 1.0 | 641 | 1.8 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 8.1 | 24 | 11.0 | 0.0 |
| 1/11/10 15:30 | 1.9 | 843 | 3.5 | 0.2 | 0.7 | 730 | 1.3 | 0.1 | 1.1 | 634 | 2.0 | 0.1 | 0.3 | 491 | 0.5 | 0.0 | 9.8 | 24 | 13.4 | 0.0 |
| 1/11/10 16:00 | 1.9 | 859 | 3.5 | 0.2 | 0.7 | 739 | 1.3 | 0.1 | 1.0 | 638 | 1.8 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 7.9 | 24 | 10.7 | 0.0 |
| 1/11/10 16:30 | 2.5 | 851 | 4.6 | 0.2 | 0.7 | 732 | 1.3 | 0.1 | 0.9 | 633 | 1.6 | 0.1 | 0.7 | 483 | 1.3 | 0.0 | 12.0 | 24 | 16.6 | 0.0 |
| 1/11/10 17:00 | 1.8 | 836 | 3.3 | 0.2 | 0.6 | 723 | 1.1 | 0.0 | 0.8 | 629 | 1.4 | 0.1 | 0.5 | 487 | 0.9 | 0.0 | 9.2 | 24 | 12.6 | 0.0 |
| 1/11/10 17:30 | 1.9 | 851 | 3.5 | 0.2 | 0.5 | 732 | 0.9 | 0.0 | 1.0 | 633 | 1.8 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 8.4 | 24 | 11.4 | 0.0 |
| 1/11/10 18:00 | 1.8 | 851 | 3.3 | 0.2 | 0.4 | 731 | 0.7 | 0.0 | 1.0 | 630 | 1.8 | 0.1 | 0.4 | 479 | 0.7 | 0.0 | 7.6 | 24 | 10.2 | 0.0 |
| 1/11/10 18:30 | 1.5 | 859 | 2.7 | 0.1 | 0.9 | 736 | 1.6 | 0.1 | 0.9 | 633 | 1.6 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 6.9 | 24 | 9.2 | 0.0 |
| 1/11/10 19:00 | 2.4 | 836 | 4.4 | 0.2 | 0.6 | 721 | 1.1 | 0.0 | 0.9 | 624 | 1.6 | 0.1 | 0.5 | 479 | 0.9 | 0.0 | 9.1 | 24 | 12.4 | 0.0 |
| 1/11/10 19:30 | 1.8 | 836 | 3.3 | 0.2 | 0.5 | 721 | 0.9 | 0.0 | 1.0 | 624 | 1.8 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 8.6 | 24 | 11.7 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/11/10 20:00 | 1.8 | 843 | 3.3 | 0.2 | 0.7 | 725 | 1.3 | 0.1 | 1.0 | 625 | 1.8 | 0.1 | 0.4 | 475 | 0.7 | 0.0 | 7.7 | 24 | 10.4 | 0.0 |
| 1/11/10 20:30 | 1.8 | 836 | 3.3 | 0.2 | 0.6 | 720 | 1.1 | 0.0 | 1.7 | 622 | 3.1 | 0.1 | 0.7 | 475 | 1.3 | 0.0 | 7.3 | 24 | 9.8 | 0.0 |
| 1/11/10 21:00 | 2.1 | 836 | 3.9 | 0.2 | 0.9 | 720 | 1.6 | 0.1 | 1.0 | 622 | 1.8 | 0.1 | 0.3 | 475 | 0.5 | 0.0 | 6.8 | 24 | 9.1 | 0.0 |
| 1/11/10 21:30 | 1.9 | 828 | 3.5 | 0.2 | 1.1 | 713 | 2.0 | 0.1 | 0.8 | 616 | 1.4 | 0.0 | 0.4 | 471 | 0.7 | 0.0 | 8.9 | 23 | 12.1 | 0.0 |
| 1/11/10 22:00 | 1.5 | 836 | 2.7 | 0.1 | 0.6 | 718 | 1.1 | 0.0 | 1.1 | 619 | 2.0 | 0.1 | 0.4 | 471 | 0.7 | 0.0 | 8.2 | 23 | 11.1 | 0.0 |
| 1/11/10 22:30 | 1.6 | 821 | 2.9 | 0.1 | 0.9 | 708 | 1.6 | 0.1 | 0.8 | 613 | 1.4 | 0.0 | 0.3 | 471 | 0.5 | 0.0 | 7.0 | 23 | 9.4 | 0.0 |
| 1/11/10 23:00 | 1.5 | 828 | 2.7 | 0.1 | 0.9 | 712 | 1.6 | 0.1 | 0.9 | 614 | 1.6 | 0.1 | 0.3 | 467 | 0.5 | 0.0 | 9.9 | 23 | 13.6 | 0.0 |
| 1/11/10 23:30 | 1.5 | 821 | 2.7 | 0.1 | 1.2 | 708 | 2.2 | 0.1 | 2.2 | 613 | 4.0 | 0.1 | 0.4 | 471 | 0.7 | 0.0 | 11.0 | 23 | 15.2 | 0.0 |
| 1/12/10 0:00 | 1.5 | 821 | 2.7 | 0.1 | 0.6 | 708 | 1.1 | 0.0 | 1.0 | 613 | 1.8 | 0.1 | 0.3 | 471 | 0.5 | 0.0 | 9.3 | 23 | 12.7 | 0.0 |
| 1/12/10 0:30 | 1.9 | 813 | 3.5 | 0.2 | 0.8 | 702 | 1.4 | 0.1 | 1.4 | 608 | 2.6 | 0.1 | 0.3 | 467 | 0.5 | 0.0 | 8.3 | 23 | 11.3 | 0.0 |
| 1/12/10 1:00 | 1.5 | 813 | 2.7 | 0.1 | 0.7 | 702 | 1.3 | 0.0 | 1.0 | 608 | 1.8 | 0.1 | 0.3 | 467 | 0.5 | 0.0 | 6.9 | 23 | 9.2 | 0.0 |
| 1/12/10 1:30 | 1.7 | 813 | 3.1 | 0.1 | 0.6 | 700 | 1.1 | 0.0 | 1.3 | 605 | 2.4 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 7.2 | 23 | 9.7 | 0.0 |
| 1/12/10 2:00 | 1.5 | 806 | 2.7 | 0.1 | 0.8 | 695 | 1.4 | 0.1 | 1.2 | 602 | 2.2 | 0.1 | 0.4 | 462 | 0.7 | 0.0 | 7.0 | 23 | 9.4 | 0.0 |
| 1/12/10 2:30 | 1.8 | 813 | 3.3 | 0.2 | 0.6 | 702 | 1.1 | 0.0 | 1.0 | 608 | 1.8 | 0.1 | 0.4 | 467 | 0.7 | 0.0 | 7.3 | 23 | 9.8 | 0.0 |
| 1/12/10 3:00 | 1.8 | 821 | 3.3 | 0.2 | 0.8 | 707 | 1.4 | 0.1 | 1.1 | 611 | 2.0 | 0.1 | 0.4 | 467 | 0.7 | 0.0 | 7.9 | 23 | 10.7 | 0.0 |
| 1/12/10 3:30 | 2.0 | 821 | 3.7 | 0.2 | 0.6 | 708 | 1.1 | 0.0 | 1.0 | 613 | 1.8 | 0.1 | 0.4 | 471 | 0.7 | 0.0 | 8.1 | 23 | 11.0 | 0.0 |
| 1/12/10 4:00 | 2.3 | 813 | 4.2 | 0.2 | 0.7 | 704 | 1.3 | 0.0 | 1.0 | 612 | 1.8 | 0.1 | 0.4 | 475 | 0.7 | 0.0 | 11.0 | 24 | 15.2 | 0.0 |
| 1/12/10 4:30 | 1.9 | 821 | 3.5 | 0.2 | 0.9 | 711 | 1.6 | 0.1 | 1.2 | 618 | 2.2 | 0.1 | 0.7 | 479 | 1.3 | 0.0 | 15.0 | 24 | 21.1 | 0.0 |
| 1/12/10 5:00 | 1.7 | 821 | 3.1 | 0.1 | 1.2 | 713 | 2.2 | 0.1 | 1.1 | 623 | 2.0 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 180.0 | 24 | 295.4 | 0.4 |
| 1/12/10 5:30 | 1.9 | 836 | 3.5 | 0.2 | 0.7 | 725 | 1.3 | 0.1 | 1.2 | 631 | 2.2 | 0.1 | 0.4 | 491 | 0.7 | 0.0 | 190.0 | 24 | 312.9 | 0.4 |
| 1/12/10 6:00 | 2.0 | 851 | 3.7 | 0.2 | 0.9 | 736 | 1.6 | 0.1 | 3.7 | 640 | 6.9 | 0.2 | 0.4 | 495 | 0.7 | 0.0 | 150.0 | 25 | 243.4 | 0.3 |
| 1/12/10 6:30 | 1.8 | 851 | 3.3 | 0.2 | 1.2 | 738 | 2.2 | 0.1 | 1.2 | 643 | 2.2 | 0.1 | 0.3 | 500 | 0.5 | 0.0 | 160.0 | 25 | 260.7 | 0.4 |
| 1/12/10 7:00 | 2.0 | 843 | 3.7 | 0.2 | 0.7 | 734 | 1.3 | 0.1 | 1.3 | 642 | 2.4 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 310.0 | 25 | 526.2 | 0.7 |
| 1/12/10 7:30 | 2.1 | 843 | 3.9 | 0.2 | 1.2 | 737 | 2.2 | 0.1 | 2.8 | 647 | 5.2 | 0.2 | 0.4 | 512 | 0.7 | 0.0 | 130.0 | 25 | 209.1 | 0.3 |
| 1/12/10 8:00 | 2.1 | 851 | 3.9 | 0.2 | 1.5 | 743 | 2.7 | 0.1 | 4.9 | 653 | 9.2 | 0.3 | 0.4 | 517 | 0.7 | 0.0 | 41.0 | 26 | 61.4 | 0.1 |
| 1/12/10 8:30 | 2.1 | 851 | 3.9 | 0.2 | 1.1 | 743 | 2.0 | 0.1 | 5.3 | 653 | 9.9 | 0.4 | 0.4 | 517 | 0.7 | 0.0 | 23.0 | 26 | 33.2 | 0.0 |
| 1/12/10 9:00 | 2.2 | 859 | 4.0 | 0.2 | 2.4 | 750 | 4.4 | 0.2 | 6.1 | 658 | 11.4 | 0.4 | 0.4 | 521 | 0.7 | 0.0 | 31.0 | 26 | 45.6 | 0.1 |
| 1/12/10 9:30 | 2.1 | 851 | 3.9 | 0.2 | 3.7 | 745 | 6.9 | 0.3 | 7.7 | 655 | 14.5 | 0.5 | 0.3 | 521 | 0.5 | 0.0 | 21.0 | 26 | 30.2 | 0.0 |
| 1/12/10 10:00 | 1.9 | 851 | 3.5 | 0.2 | 4.1 | 743 | 7.6 | 0.3 | 6.9 | 653 | 13.0 | 0.5 | 0.4 | 517 | 0.7 | 0.0 | 20.0 | 26 | 28.6 | 0.0 |
| 1/12/10 10:30 | 2.0 | 851 | 3.7 | 0.2 | 4.8 | 743 | 9.0 | 0.4 | 4.8 | 653 | 9.0 | 0.3 | 0.4 | 517 | 0.7 | 0.0 | 16.0 | 26 | 22.6 | 0.0 |
| 1/12/10 11:00 | 2.0 | 843 | 3.7 | 0.2 | 5.9 | 737 | 11.1 | 0.5 | 2.5 | 647 | 4.6 | 0.2 | 0.3 | 512 | 0.5 | 0.0 | 17.0 | 25 | 24.1 | 0.0 |
| 1/12/10 11:30 | 1.7 | 859 | 3.1 | 0.2 | 5.4 | 748 | 10.1 | 0.4 | 1.9 | 656 | 3.5 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 16.0 | 26 | 22.6 | 0.0 |
| 1/12/10 12:00 | 2.0 | 859 | 3.7 | 0.2 | 3.6 | 750 | 6.7 | 0.3 | 1.6 | 658 | 2.9 | 0.1 | 0.4 | 521 | 0.7 | 0.0 | 18.0 | 26 | 25.6 | 0.0 |
| 1/12/10 12:30 | 2.3 | 860 | 4.1 | 0.2 | 2.0 | 752 | 3.7 | 0.2 | 1.3 | 661 | 2.4 | 0.1 | 0.5 | 525 | 0.9 | 0.0 | 28.0 | 26 | 40.9 | 0.1 |
| 1/12/10 13:00 | 2.8 | 861 | 5.1 | 0.2 | 1.5 | 755 | 2.7 | 0.1 | 1.2 | 665 | 2.2 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 40.0 | 26 | 59.8 | 0.1 |
| 1/12/10 13:30 | 3.3 | 863 | 6.0 | 0.3 | 1.1 | 757 | 2.0 | 0.1 | 1.2 | 668 | 2.2 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 43.0 | 26 | 64.6 | 0.1 |
| 1/12/10 14:00 | 3.8 | 865 | 7.0 | 0.3 | 1.1 | 757 | 2.0 | 0.1 | 1.1 | 666 | 2.0 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 190.0 | 26 | 312.9 | 0.5 |
| 1/12/10 14:30 | 4.5 | 874 | 8.4 | 0.4 | 1.0 | 763 | 1.8 | 0.1 | 1.4 | 670 | 2.6 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 470.0 | 26 | 818.7 | 1.2 |
| 1/12/10 15:00 | 4.9 | 859 | 9.2 | 0.4 | 0.9 | 754 | 1.6 | 0.1 | 1.8 | 666 | 3.3 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 190.0 | 26 | 312.9 | 0.5 |
| 1/12/10 15:30 | 5.2 | 866 | 9.7 | 0.5 | 0.7 | 762 | 1.3 | 0.1 | 2.0 | 674 | 3.7 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 83.0 | 27 | 129.8 | 0.2 |
| 1/12/10 16:00 | 5.1 | 861 | 9.6 | 0.5 | 0.7 | 757 | 1.3 | 0.1 | 2.2 | 670 | 4.0 | 0.2 | 0.4 | 539 | 0.7 | 0.0 | 71.0 | 27 | 110.0 | 0.2 |
| 1/12/10 16:30 | 4.4 | 866 | 8.2 | 0.4 | 1.2 | 762 | 2.2 | 0.1 | 4.3 | 674 | 8.0 | 0.3 | 0.3 | 543 | 0.5 | 0.0 | 51.0 | 27 | 77.4 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/12/10 17:00 | 3.3 | 866 | 6.1 | 0.3 | 1.2 | 764 | 2.2 | 0.1 | 8.6 | 677 | 16.3 | 0.6 | 0.3 | 547 | 0.5 | 0.0 | 34.0 | 27 | 50.3 | 0.1 |
| 1/12/10 17:30 | 2.6 | 874 | 4.8 | 0.2 | 1.8 | 769 | 3.3 | 0.1 | 8.4 | 680 | 15.9 | 0.6 | 0.4 | 547 | 0.7 | 0.0 | 31.0 | 27 | 45.6 | 0.1 |
| 1/12/10 18:00 | 2.2 | 874 | 4.0 | 0.2 | 3.6 | 770 | 6.7 | 0.3 | 6.7 | 683 | 12.6 | 0.5 | 0.3 | 552 | 0.5 | 0.0 | 34.0 | 27 | 50.3 | 0.1 |
| 1/12/10 18:30 | 2.1 | 859 | 3.9 | 0.2 | 6.6 | 757 | 12.4 | 0.5 | 3.7 | 671 | 6.9 | 0.3 | 0.3 | 543 | 0.5 | 0.0 | 26.0 | 27 | 37.8 | 0.1 |
| 1/12/10 19:00 | 2.1 | 866 | 3.9 | 0.2 | 6.2 | 764 | 11.6 | 0.5 | 2.8 | 677 | 5.2 | 0.2 | 0.5 | 547 | 0.9 | 0.0 | 21.0 | 27 | 30.2 | 0.0 |
| 1/12/10 19:30 | 2.1 | 874 | 3.9 | 0.2 | 4.5 | 767 | 8.4 | 0.4 | 2.2 | 678 | 4.0 | 0.2 | 0.3 | 543 | 0.5 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 1/12/10 20:00 | 2.1 | 874 | 3.9 | 0.2 | 2.9 | 767 | 5.4 | 0.2 | 2.0 | 678 | 3.7 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 22.0 | 27 | 31.7 | 0.0 |
| 1/12/10 20:30 | 1.9 | 866 | 3.5 | 0.2 | 2.4 | 762 | 4.4 | 0.2 | 1.5 | 674 | 2.7 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 20.0 | 27 | 28.6 | 0.0 |
| 1/12/10 21:00 | 1.8 | 866 | 3.3 | 0.2 | 2.1 | 762 | 3.9 | 0.2 | 1.4 | 674 | 2.6 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 85.0 | 27 | 133.1 | 0.2 |
| 1/12/10 21:30 | 2.0 | 866 | 3.7 | 0.2 | 1.4 | 762 | 2.6 | 0.1 | 1.2 | 674 | 2.2 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 70.0 | 27 | 108.3 | 0.2 |
| 1/12/10 22:00 | 2.4 | 859 | 4.4 | 0.2 | 1.2 | 756 | 2.2 | 0.1 | 1.2 | 669 | 2.2 | 0.1 | 0.4 | 539 | 0.7 | 0.0 | 41.0 | 27 | 61.4 | 0.1 |
| 1/12/10 22:30 | 3.6 | 851 | 6.7 | 0.3 | 1.0 | 750 | 1.8 | 0.1 | 1.3 | 666 | 2.4 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 36.0 | 27 | 53.5 | 0.1 |
| 1/12/10 23:00 | 5.4 | 859 | 10.1 | 0.5 | 1.0 | 754 | 1.8 | 0.1 | 1.2 | 666 | 2.2 | 0.1 | 0.4 | 534 | 0.7 | 0.0 | 53.0 | 26 | 80.6 | 0.1 |
| 1/12/10 23:30 | 5.9 | 866 | 11.1 | 0.5 | 1.2 | 759 | 2.2 | 0.1 | 1.7 | 669 | 3.1 | 0.1 | 0.4 | 534 | 0.7 | 0.0 | 30.0 | 26 | 44.0 | 0.1 |
| 1/13/10 0:00 | 5.3 | 859 | 9.9 | 0.5 | 1.2 | 754 | 2.2 | 0.1 | 2.3 | 666 | 4.2 | 0.2 | 0.4 | 534 | 0.7 | 0.0 | 31.0 | 26 | 45.6 | 0.1 |
| 1/13/10 0:30 | 4.2 | 859 | 7.8 | 0.4 | 1.0 | 754 | 1.8 | 0.1 | 2.0 | 666 | 3.7 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 34.0 | 26 | 50.3 | 0.1 |
| 1/13/10 1:00 | 2.8 | 851 | 5.2 | 0.2 | 1.7 | 749 | 3.1 | 0.1 | 1.9 | 663 | 3.5 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 56.0 | 26 | 85.5 | 0.1 |
| 1/13/10 1:30 | 2.6 | 843 | 4.8 | 0.2 | 2.1 | 747 | 3.9 | 0.2 | 2.0 | 665 | 3.7 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 28.0 | 27 | 40.9 | 0.1 |
| 1/13/10 2:00 | 2.3 | 859 | 4.2 | 0.2 | 1.8 | 754 | 3.3 | 0.1 | 1.9 | 666 | 3.5 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 35.0 | 26 | 51.9 | 0.1 |
| 1/13/10 2:30 | 2.0 | 851 | 3.7 | 0.2 | 1.5 | 748 | 2.7 | 0.1 | 1.6 | 660 | 2.9 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 39.0 | 26 | 58.2 | 0.1 |
| 1/13/10 3:00 | 2.2 | 843 | 4.0 | 0.2 | 1.3 | 742 | 2.4 | 0.1 | 1.7 | 657 | 3.1 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 35.0 | 26 | 51.9 | 0.1 |
| 1/13/10 3:30 | 1.8 | 851 | 3.3 | 0.2 | 1.2 | 749 | 2.2 | 0.1 | 1.6 | 663 | 2.9 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 34.0 | 26 | 50.3 | 0.1 |
| 1/13/10 4:00 | 2.1 | 851 | 3.9 | 0.2 | 1.7 | 749 | 3.1 | 0.1 | 1.7 | 663 | 3.1 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 31.0 | 26 | 45.6 | 0.1 |
| 1/13/10 4:30 | 1.7 | 851 | 3.1 | 0.1 | 1.7 | 749 | 3.1 | 0.1 | 2.0 | 663 | 3.7 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 38.0 | 26 | 56.6 | 0.1 |
| 1/13/10 5:00 | 2.4 | 843 | 4.4 | 0.2 | 1.1 | 742 | 2.0 | 0.1 | 1.7 | 657 | 3.1 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 22.0 | 26 | 31.7 | 0.0 |
| 1/13/10 5:30 | 2.2 | 843 | 4.0 | 0.2 | 1.1 | 744 | 2.0 | 0.1 | 1.6 | 660 | 2.9 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 30.0 | 26 | 44.0 | 0.1 |
| 1/13/10 6:00 | 2.3 | 851 | 4.2 | 0.2 | 1.1 | 749 | 2.0 | 0.1 | 1.5 | 663 | 2.7 | 0.1 | 0.5 | 534 | 0.9 | 0.0 | 110.0 | 26 | 175.1 | 0.3 |
| 1/13/10 6:30 | 2.4 | 836 | 4.4 | 0.2 | 0.9 | 740 | 1.6 | 0.1 | 1.6 | 659 | 2.9 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 44.0 | 27 | 66.2 | 0.1 |
| 1/13/10 7:00 | 2.3 | 836 | 4.2 | 0.2 | 1.1 | 740 | 2.0 | 0.1 | 1.9 | 659 | 3.5 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 24.0 | 27 | 34.8 | 0.1 |
| 1/13/10 7:30 | 2.1 | 851 | 3.9 | 0.2 | 1.0 | 750 | 1.8 | 0.1 | 1.9 | 666 | 3.5 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 21.0 | 27 | 30.2 | 0.0 |
| 1/13/10 8:00 | 2.1 | 851 | 3.9 | 0.2 | 1.0 | 752 | 1.8 | 0.1 | 2.8 | 668 | 5.2 | 0.2 | 0.5 | 543 | 0.9 | 0.0 | 74.0 | 27 | 114.9 | 0.2 |
| 1/13/10 8:30 | 2.1 | 851 | 3.9 | 0.2 | 1.2 | 752 | 2.2 | 0.1 | 2.1 | 668 | 3.9 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 480.0 | 27 | 837.2 | 1.3 |
| 1/13/10 9:00 | 2.6 | 836 | 4.8 | 0.2 | 0.9 | 740 | 1.6 | 0.1 | 2.4 | 659 | 4.4 | 0.2 | 0.7 | 539 | 1.3 | 0.0 | 77.0 | 27 | 119.9 | 0.2 |
| 1/13/10 9:30 | 1.9 | 836 | 3.5 | 0.2 | 0.9 | 741 | 1.6 | 0.1 | 2.4 | 662 | 4.4 | 0.2 | 0.4 | 543 | 0.7 | 0.0 | 58.0 | 27 | 88.7 | 0.1 |
| 1/13/10 10:00 | 2.3 | 851 | 4.2 | 0.2 | 1.7 | 752 | 3.1 | 0.1 | 1.3 | 668 | 2.4 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 34.0 | 27 | 50.3 | 0.1 |
| 1/13/10 10:30 | 1.9 | 843 | 3.5 | 0.2 | 1.9 | 747 | 3.5 | 0.1 | 2.2 | 665 | 4.0 | 0.2 | 0.3 | 543 | 0.5 | 0.0 | 28.0 | 27 | 40.9 | 0.1 |
| 1/13/10 11:00 | 2.0 | 843 | 3.7 | 0.2 | 1.0 | 747 | 1.8 | 0.1 | 7.1 | 665 | 13.4 | 0.5 | 0.3 | 543 | 0.5 | 0.0 | 22.0 | 27 | 31.7 | 0.0 |
| 1/13/10 11:30 | 3.1 | 859 | 5.7 | 0.3 | 0.9 | 757 | 1.6 | 0.1 | 6.8 | 671 | 12.8 | 0.5 | 1.5 | 543 | 2.7 | 0.1 | 23.0 | 27 | 33.2 | 0.1 |
| 1/13/10 12:00 | 2.1 | 851 | 3.9 | 0.2 | 2.0 | 758 | 3.7 | 0.2 | 3.7 | 679 | 6.9 | 0.3 | 0.7 | 561 | 1.3 | 0.0 | 24.0 | 28 | 34.8 | 0.1 |
| 1/13/10 12:30 | 2.1 | 851 | 3.9 | 0.2 | 5.3 | 763 | 9.9 | 0.4 | 2.2 | 690 | 4.0 | 0.2 | 0.4 | 579 | 0.7 | 0.0 | 29.0 | 29 | 42.5 | 0.1 |
| 1/13/10 13:00 | 2.1 | 851 | 3.9 | 0.2 | 4.8 | 766 | 9.0 | 0.4 | 1.4 | 695 | 2.6 | 0.1 | 0.4 | 588 | 0.7 | 0.0 | 220.0 | 29 | 365.6 | 0.6 |
| 1/13/10 13:30 | 1.9 | 851 | 3.5 | 0.2 | 2.4 | 771 | 4.4 | 0.2 | 1.5 | 704 | 2.7 | 0.1 | 0.4 | 602 | 0.7 | 0.0 | 340.0 | 30 | 580.4 | 1.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/13/10 14:00 | 2.0 | 859 | 3.7 | 0.2 | 1.8 | 785 | 3.3 | 0.1 | 1.3 | 724 | 2.4 | 0.1 | 0.4 | 631 | 0.7 | 0.0 | 360.0 | 31 | 616.8 | 1.1 |
| 1/13/10 14:30 | 2.4 | 859 | 4.4 | 0.2 | 1.2 | 790 | 2.2 | 0.1 | 2.2 | 732 | 4.0 | 0.2 | 0.4 | 646 | 0.7 | 0.0 | 540.0 | 32 | 948.7 | 1.7 |
| 1/13/10 15:00 | 2.7 | 866 | 5.0 | 0.2 | 0.9 | 803 | 1.6 | 0.1 | 1.9 | 750 | 3.5 | 0.1 | 0.8 | 671 | 1.4 | 0.1 | 330.0 | 33 | 562.3 | 1.0 |
| 1/13/10 15:30 | 2.4 | 882 | 4.4 | 0.2 | 2.1 | 820 | 3.9 | 0.2 | 5.1 | 769 | 9.5 | 0.4 | 0.4 | 691 | 0.7 | 0.0 | 230.0 | 34 | 383.2 | 0.7 |
| 1/13/10 16:00 | 2.1 | 882 | 3.9 | 0.2 | 1.0 | 829 | 1.8 | 0.1 | 9.5 | 784 | 18.0 | 0.8 | 0.4 | 717 | 0.7 | 0.0 | 75.0 | 35 | 116.6 | 0.2 |
| 1/13/10 16:30 | 2.6 | 897 | 4.8 | 0.2 | 2.1 | 841 | 3.9 | 0.2 | 12.0 | 794 | 22.8 | 1.0 | 0.4 | 722 | 0.7 | 0.0 | 58.0 | 35 | 88.7 | 0.2 |
| 1/13/10 17:00 | 4.2 | 921 | 7.8 | 0.4 | 5.3 | 862 | 9.9 | 0.5 | 14.0 | 813 | 26.7 | 1.2 | 0.4 | 738 | 0.7 | 0.0 | 40.0 | 36 | 59.8 | 0.1 |
| 1/13/10 17:30 | 4.7 | 929 | 8.8 | 0.5 | 7.8 | 871 | 14.7 | 0.7 | 10.3 | 822 | 19.5 | 0.9 | 0.6 | 749 | 1.1 | 0.0 | 36.0 | 36 | 53.5 | 0.1 |
| 1/13/10 18:00 | 3.5 | 953 | 6.5 | 0.3 | 10.6 | 889 | 20.1 | 1.0 | 6.6 | 835 | 12.4 | 0.6 | 0.4 | 754 | 0.7 | 0.0 | 28.0 | 37 | 40.9 | 0.1 |
| 1/13/10 18:30 | 2.8 | 970 | 5.2 | 0.3 | 10.0 | 900 | 19.0 | 1.0 | 4.3 | 842 | 8.0 | 0.4 | 0.5 | 754 | 0.9 | 0.0 | 25.0 | 37 | 36.3 | 0.1 |
| 1/13/10 19:00 | 2.4 | 986 | 4.4 | 0.2 | 7.4 | 915 | 13.9 | 0.7 | 2.5 | 855 | 4.6 | 0.2 | 0.5 | 765 | 0.9 | 0.0 | 24.0 | 37 | 34.8 | 0.1 |
| 1/13/10 19:30 | 2.6 | 1003 | 4.8 | 0.3 | 4.4 | 925 | 8.2 | 0.4 | 3.0 | 859 | 5.6 | 0.3 | 0.5 | 760 | 0.9 | 0.0 | 21.0 | 37 | 30.2 | 0.1 |
| 1/13/10 20:00 | 2.0 | 1012 | 3.7 | 0.2 | 2.5 | 930 | 4.6 | 0.2 | 2.9 | 862 | 5.4 | 0.3 | 0.4 | 760 | 0.7 | 0.0 | 20.0 | 37 | 28.6 | 0.1 |
| 1/13/10 20:30 | 2.9 | 1020 | 5.4 | 0.3 | 1.7 | 938 | 3.1 | 0.2 | 2.0 | 869 | 3.7 | 0.2 | 0.4 | 765 | 0.7 | 0.0 | 21.0 | 37 | 30.2 | 0.1 |
| 1/13/10 21:00 | 4.3 | 1029 | 8.0 | 0.5 | 1.6 | 946 | 2.9 | 0.2 | 2.1 | 876 | 3.9 | 0.2 | 0.4 | 771 | 0.7 | 0.0 | 30.0 | 37 | 44.0 | 0.1 |
| 1/13/10 21:30 | 6.9 | 1039 | 13.0 | 0.8 | 1.5 | 951 | 2.7 | 0.1 | 1.4 | 876 | 2.6 | 0.1 | 0.5 | 765 | 0.9 | 0.0 | 36.0 | 37 | 53.5 | 0.1 |
| 1/13/10 22:00 | 8.5 | 1048 | 16.1 | 0.9 | 1.2 | 957 | 2.2 | 0.1 | 1.3 | 880 | 2.4 | 0.1 | 0.4 | 765 | 0.7 | 0.0 | 59.0 | 37 | 90.3 | 0.2 |
| 1/13/10 22:30 | 9.0 | 1048 | 17.0 | 1.0 | 1.3 | 955 | 2.4 | 0.1 | 1.4 | 877 | 2.6 | 0.1 | 0.5 | 760 | 0.9 | 0.0 | 280.0 | 37 | 472.3 | 1.0 |
| 1/13/10 23:00 | 7.8 | 1039 | 14.7 | 0.9 | 1.2 | 954 | 2.2 | 0.1 | 1.7 | 883 | 3.1 | 0.2 | 0.5 | 776 | 0.9 | 0.0 | 180.0 | 38 | 295.4 | 0.6 |
| 1/13/10 23:30 | 6.2 | 1048 | 11.6 | 0.7 | 1.1 | 959 | 2.0 | 0.1 | 1.5 | 884 | 2.7 | 0.1 | 0.5 | 771 | 0.9 | 0.0 | 110.0 | 37 | 175.1 | 0.4 |
| 1/14/10 0:00 | 4.2 | 1058 | 7.8 | 0.5 | 1.0 | 965 | 1.8 | 0.1 | 1.9 | 887 | 3.5 | 0.2 | 0.5 | 771 | 0.9 | 0.0 | 130.0 | 37 | 209.1 | 0.4 |
| 1/14/10 0:30 | 3.0 | 1067 | 5.6 | 0.3 | 1.2 | 973 | 2.2 | 0.1 | 3.4 | 895 | 6.3 | 0.3 | 0.4 | 776 | 0.7 | 0.0 | 73.0 | 38 | 113.3 | 0.2 |
| 1/14/10 1:00 | 2.5 | 1039 | 4.6 | 0.3 | 1.0 | 952 | 1.8 | 0.1 | 5.2 | 880 | 9.7 | 0.5 | 0.6 | 771 | 1.1 | 0.0 | 33.0 | 37 | 48.7 | 0.1 |
| 1/14/10 1:30 | 2.4 | 1058 | 4.4 | 0.3 | 2.0 | 969 | 3.7 | 0.2 | 4.5 | 894 | 8.4 | 0.4 | 0.4 | 782 | 0.7 | 0.0 | 27.0 | 38 | 39.4 | 0.1 |
| 1/14/10 2:00 | 2.2 | 1058 | 4.0 | 0.2 | 3.7 | 965 | 6.9 | 0.4 | 4.5 | 887 | 8.4 | 0.4 | 0.4 | 771 | 0.7 | 0.0 | 23.0 | 37 | 33.2 | 0.1 |
| 1/14/10 2:30 | 2.1 | 1058 | 3.9 | 0.2 | 3.8 | 963 | 7.1 | 0.4 | 3.6 | 884 | 6.7 | 0.3 | 0.7 | 765 | 1.3 | 0.1 | 21.0 | 37 | 30.2 | 0.1 |
| 1/14/10 3:00 | 1.9 | 1058 | 3.5 | 0.2 | 3.9 | 967 | 7.3 | 0.4 | 1.9 | 891 | 3.5 | 0.2 | 0.4 | 776 | 0.7 | 0.0 | 21.0 | 38 | 30.2 | 0.1 |
| 1/14/10 3:30 | 2.1 | 1067 | 3.9 | 0.2 | 2.9 | 970 | 5.4 | 0.3 | 2.7 | 888 | 5.0 | 0.2 | 0.6 | 765 | 1.1 | 0.0 | 21.0 | 37 | 30.2 | 0.1 |
| 1/14/10 4:00 | 1.9 | 1067 | 3.5 | 0.2 | 2.0 | 968 | 3.7 | 0.2 | 1.6 | 885 | 2.9 | 0.1 | 0.4 | 760 | 0.7 | 0.0 | 19.0 | 37 | 27.1 | 0.1 |
| 1/14/10 4:30 | 3.1 | 1058 | 5.7 | 0.3 | 1.8 | 960 | 3.3 | 0.2 | 1.3 | 878 | 2.4 | 0.1 | 0.4 | 754 | 0.7 | 0.0 | 21.0 | 37 | 30.2 | 0.1 |
| 1/14/10 5:00 | 2.1 | 1058 | 3.9 | 0.2 | 1.4 | 962 | 2.6 | 0.1 | 1.7 | 881 | 3.1 | 0.2 | 0.4 | 760 | 0.7 | 0.0 | 18.0 | 37 | 25.6 | 0.1 |
| 1/14/10 5:30 | 2.4 | 1058 | 4.4 | 0.3 | 0.9 | 963 | 1.6 | 0.1 | 1.4 | 884 | 2.6 | 0.1 | 0.4 | 765 | 0.7 | 0.0 | 14.0 | 37 | 19.6 | 0.0 |
| 1/14/10 6:00 | 3.4 | 1058 | 6.3 | 0.4 | 2.0 | 960 | 3.7 | 0.2 | 1.6 | 878 | 2.9 | 0.1 | 0.3 | 754 | 0.5 | 0.0 | 16.0 | 37 | 22.6 | 0.0 |
| 1/14/10 6:30 | 4.0 | 1048 | 7.4 | 0.4 | 0.7 | 954 | 1.3 | 0.1 | 1.1 | 874 | 2.0 | 0.1 | 0.6 | 754 | 1.1 | 0.0 | 19.0 | 37 | 27.1 | 0.1 |
| 1/14/10 7:00 | 3.9 | 1067 | 7.3 | 0.4 | 1.0 | 965 | 1.8 | 0.1 | 1.1 | 878 | 2.0 | 0.1 | 0.3 | 749 | 0.5 | 0.0 | 17.0 | 36 | 24.1 | 0.0 |
| 1/14/10 7:30 | 3.4 | 1048 | 6.3 | 0.4 | 0.9 | 950 | 1.6 | 0.1 | 1.0 | 867 | 1.8 | 0.1 | 0.6 | 744 | 1.1 | 0.0 | 18.0 | 36 | 25.6 | 0.1 |
| 1/14/10 8:00 | 3.2 | 1039 | 5.9 | 0.3 | 0.9 | 942 | 1.6 | 0.1 | 1.2 | 860 | 2.2 | 0.1 | 0.4 | 738 | 0.7 | 0.0 | 14.0 | 36 | 19.6 | 0.0 |
| 1/14/10 8:30 | 2.5 | 1039 | 4.6 | 0.3 | 0.7 | 940 | 1.3 | 0.1 | 1.1 | 857 | 2.0 | 0.1 | 0.3 | 733 | 0.5 | 0.0 | 14.0 | 36 | 19.6 | 0.0 |
| 1/14/10 9:00 | 2.2 | 1029 | 4.0 | 0.2 | 0.6 | 934 | 1.1 | 0.1 | 1.4 | 854 | 2.6 | 0.1 | 0.4 | 733 | 0.7 | 0.0 | 16.0 | 36 | 22.6 | 0.0 |
| 1/14/10 9:30 | 2.0 | 1039 | 3.7 | 0.2 | 0.6 | 939 | 1.1 | 0.1 | 1.2 | 854 | 2.2 | 0.1 | 0.5 | 728 | 0.9 | 0.0 | 16.0 | 35 | 22.6 | 0.0 |
| 1/14/10 10:00 | 2.1 | 1020 | 3.9 | 0.2 | 0.6 | 924 | 1.1 | 0.1 | 1.4 | 843 | 2.6 | 0.1 | 0.3 | 722 | 0.5 | 0.0 | 13.0 | 35 | 18.1 | 0.0 |
| 1/14/10 10:30 | 1.6 | 1039 | 2.9 | 0.2 | 0.7 | 935 | 1.3 | 0.1 | 0.9 | 848 | 1.6 | 0.1 | 0.4 | 717 | 0.7 | 0.0 | 13.0 | 35 | 18.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/14/10 11:00 | 3.7 | 1020 | 6.9 | 0.4 | 0.7 | 922 | 1.3 | 0.1 | 0.9 | 840 | 1.6 | 0.1 | 0.3 | 717 | 0.5 | 0.0 | 14.0 | 35 | 19.6 | 0.0 |
| 1/14/10 11:30 | 2.1 | 1012 | 3.9 | 0.2 | 0.8 | 915 | 1.4 | 0.1 | 1.0 | 834 | 1.8 | 0.1 | 0.3 | 712 | 0.5 | 0.0 | 14.0 | 35 | 19.6 | 0.0 |
| 1/14/10 12:00 | 1.7 | 1003 | 3.1 | 0.2 | 0.7 | 908 | 1.3 | 0.1 | 1.7 | 827 | 3.1 | 0.1 | 0.3 | 707 | 0.5 | 0.0 | 14.0 | 34 | 19.6 | 0.0 |
| 1/14/10 12:30 | 1.6 | 1020 | 2.9 | 0.2 | 0.7 | 916 | 1.3 | 0.1 | 0.8 | 828 | 1.4 | 0.1 | 0.3 | 696 | 0.5 | 0.0 | 12.0 | 34 | 16.6 | 0.0 |
| 1/14/10 13:00 | 1.7 | 995 | 3.1 | 0.2 | 0.4 | 899 | 0.7 | 0.0 | 0.9 | 818 | 1.6 | 0.1 | 0.3 | 696 | 0.5 | 0.0 | 11.0 | 34 | 15.2 | 0.0 |
| 1/14/10 13:30 | 2.6 | 995 | 4.8 | 0.3 | 0.3 | 899 | 0.5 | 0.0 | 1.3 | 818 | 2.4 | 0.1 | 0.3 | 696 | 0.5 | 0.0 | 13.0 | 34 | 18.1 | 0.0 |
| 1/14/10 14:00 | 2.4 | 995 | 4.4 | 0.2 | 0.4 | 897 | 0.7 | 0.0 | 0.9 | 815 | 1.6 | 0.1 | 0.3 | 691 | 0.5 | 0.0 | 12.0 | 34 | 16.6 | 0.0 |
| 1/14/10 14:30 | 1.7 | 1012 | 3.1 | 0.2 | 0.5 | 905 | 0.9 | 0.0 | 0.9 | 815 | 1.6 | 0.1 | 0.3 | 681 | 0.5 | 0.0 | 11.0 | 33 | 15.2 | 0.0 |
| 1/14/10 15:00 | 1.4 | 986 | 2.6 | 0.1 | 0.7 | 888 | 1.3 | 0.1 | 0.9 | 805 | 1.6 | 0.1 | 0.4 | 681 | 0.7 | 0.0 | 10.0 | 33 | 13.7 | 0.0 |
| 1/14/10 15:30 | 1.4 | 978 | 2.6 | 0.1 | 0.3 | 881 | 0.5 | 0.0 | 0.9 | 799 | 1.6 | 0.1 | 0.4 | 676 | 0.7 | 0.0 | 11.0 | 33 | 15.2 | 0.0 |
| 1/14/10 16:00 | 1.8 | 970 | 3.3 | 0.2 | 0.4 | 874 | 0.7 | 0.0 | 0.9 | 792 | 1.6 | 0.1 | 0.5 | 671 | 0.9 | 0.0 | 11.0 | 33 | 15.2 | 0.0 |
| 1/14/10 16:30 | 1.4 | 953 | 2.6 | 0.1 | 0.7 | 864 | 1.3 | 0.1 | 1.1 | 789 | 2.0 | 0.1 | 0.3 | 676 | 0.5 | 0.0 | 10.0 | 33 | 13.7 | 0.0 |
| 1/14/10 17:00 | 1.3 | 970 | 2.4 | 0.1 | 0.6 | 870 | 1.1 | 0.1 | 1.5 | 787 | 2.7 | 0.1 | 0.3 | 661 | 0.5 | 0.0 | 10.0 | 32 | 13.7 | 0.0 |
| 1/14/10 17:30 | 1.5 | 970 | 2.7 | 0.1 | 0.4 | 870 | 0.7 | 0.0 | 0.9 | 787 | 1.6 | 0.1 | 0.3 | 661 | 0.5 | 0.0 | 11.0 | 32 | 15.2 | 0.0 |
| 1/14/10 18:00 | 1.4 | 970 | 2.6 | 0.1 | 0.5 | 870 | 0.9 | 0.0 | 1.0 | 787 | 1.8 | 0.1 | 0.3 | 661 | 0.5 | 0.0 | 9.3 | 32 | 12.7 | 0.0 |
| 1/14/10 18:30 | 1.4 | 970 | 2.6 | 0.1 | 0.8 | 867 | 1.4 | 0.1 | 1.1 | 781 | 2.0 | 0.1 | 0.3 | 651 | 0.5 | 0.0 | 10.0 | 32 | 13.7 | 0.0 |
| 1/14/10 19:00 | 1.4 | 953 | 2.6 | 0.1 | 0.6 | 856 | 1.1 | 0.1 | 1.0 | 774 | 1.8 | 0.1 | 0.4 | 651 | 0.7 | 0.0 | 11.0 | 32 | 15.2 | 0.0 |
| 1/14/10 19:30 | 1.6 | 953 | 2.9 | 0.2 | 0.5 | 854 | 0.9 | 0.0 | 1.0 | 771 | 1.8 | 0.1 | 0.3 | 646 | 0.5 | 0.0 | 13.0 | 32 | 18.1 | 0.0 |
| 1/14/10 20:00 | 1.3 | 945 | 2.4 | 0.1 | 0.4 | 847 | 0.7 | 0.0 | 0.7 | 765 | 1.3 | 0.1 | 0.3 | 641 | 0.5 | 0.0 | 12.0 | 31 | 16.6 | 0.0 |
| 1/14/10 20:30 | 1.4 | 945 | 2.6 | 0.1 | 0.5 | 847 | 0.9 | 0.0 | 0.9 | 765 | 1.6 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 12.0 | 31 | 16.6 | 0.0 |
| 1/14/10 21:00 | 1.6 | 929 | 2.9 | 0.2 | 0.3 | 835 | 0.5 | 0.0 | 0.9 | 755 | 1.6 | 0.1 | 0.3 | 636 | 0.5 | 0.0 | 9.9 | 31 | 13.6 | 0.0 |
| 1/14/10 21:30 | 1.4 | 921 | 2.6 | 0.1 | 1.0 | 829 | 1.8 | 0.1 | 1.0 | 752 | 1.8 | 0.1 | 0.3 | 636 | 0.5 | 0.0 | 9.2 | 31 | 12.6 | 0.0 |
| 1/14/10 22:00 | 1.4 | 921 | 2.6 | 0.1 | 0.5 | 828 | 0.9 | 0.0 | 0.9 | 749 | 1.6 | 0.1 | 0.4 | 631 | 0.7 | 0.0 | 9.5 | 31 | 13.0 | 0.0 |
| 1/14/10 22:30 | 1.4 | 937 | 2.6 | 0.1 | 0.6 | 836 | 1.1 | 0.1 | 0.9 | 750 | 1.6 | 0.1 | 0.4 | 622 | 0.7 | 0.0 | 9.8 | 31 | 13.4 | 0.0 |
| 1/14/10 23:00 | 1.5 | 913 | 2.7 | 0.1 | 0.3 | 819 | 0.5 | 0.0 | 1.3 | 740 | 2.4 | 0.1 | 0.3 | 622 | 0.5 | 0.0 | 9.1 | 31 | 12.4 | 0.0 |
| 1/14/10 23:30 | 1.8 | 913 | 3.3 | 0.2 | 0.4 | 819 | 0.7 | 0.0 | 0.9 | 740 | 1.6 | 0.1 | 0.5 | 622 | 0.9 | 0.0 | 9.3 | 31 | 12.7 | 0.0 |
| 1/15/10 0:00 | 1.5 | 913 | 2.7 | 0.1 | 0.3 | 819 | 0.5 | 0.0 | 0.9 | 740 | 1.6 | 0.1 | 0.3 | 622 | 0.5 | 0.0 | 9.1 | 31 | 12.4 | 0.0 |
| 1/15/10 0:30 | 1.4 | 905 | 2.6 | 0.1 | 0.3 | 809 | 0.5 | 0.0 | 0.9 | 728 | 1.6 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 12.0 | 30 | 16.6 | 0.0 |
| 1/15/10 1:00 | 1.4 | 897 | 2.6 | 0.1 | 0.4 | 804 | 0.7 | 0.0 | 0.9 | 725 | 1.6 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 8.9 | 30 | 12.1 | 0.0 |
| 1/15/10 1:30 | 1.3 | 905 | 2.4 | 0.1 | 0.3 | 811 | 0.5 | 0.0 | 0.9 | 731 | 1.6 | 0.1 | 0.5 | 612 | 0.9 | 0.0 | 10.0 | 30 | 13.7 | 0.0 |
| 1/15/10 2:00 | 1.3 | 890 | 2.4 | 0.1 | 0.7 | 796 | 1.3 | 0.1 | 0.8 | 716 | 1.4 | 0.1 | 0.4 | 598 | 0.7 | 0.0 | 7.9 | 29 | 10.7 | 0.0 |
| 1/15/10 2:30 | 1.5 | 890 | 2.7 | 0.1 | 0.3 | 797 | 0.5 | 0.0 | 0.8 | 719 | 1.4 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 9.4 | 30 | 12.8 | 0.0 |
| 1/15/10 3:00 | 1.2 | 882 | 2.2 | 0.1 | 0.2 | 790 | 0.4 | 0.0 | 0.8 | 713 | 1.4 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 9.5 | 29 | 13.0 | 0.0 |
| 1/15/10 3:30 | 1.3 | 897 | 2.4 | 0.1 | 1.0 | 798 | 1.8 | 0.1 | 0.8 | 714 | 1.4 | 0.1 | 0.4 | 588 | 0.7 | 0.0 | 8.8 | 29 | 12.0 | 0.0 |
| 1/15/10 4:00 | 1.4 | 874 | 2.6 | 0.1 | 0.3 | 782 | 0.5 | 0.0 | 1.7 | 705 | 3.1 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 8.0 | 29 | 10.8 | 0.0 |
| 1/15/10 4:30 | 1.4 | 882 | 2.6 | 0.1 | 0.3 | 787 | 0.5 | 0.0 | 0.7 | 708 | 1.3 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 7.6 | 29 | 10.2 | 0.0 |
| 1/15/10 5:00 | 1.4 | 874 | 2.6 | 0.1 | 0.5 | 782 | 0.9 | 0.0 | 0.7 | 705 | 1.3 | 0.0 | 0.3 | 588 | 0.5 | 0.0 | 9.3 | 29 | 12.7 | 0.0 |
| 1/15/10 5:30 | 1.4 | 859 | 2.6 | 0.1 | 0.7 | 770 | 1.3 | 0.1 | 1.6 | 696 | 2.9 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 7.6 | 29 | 10.2 | 0.0 |
| 1/15/10 6:00 | 1.4 | 866 | 2.6 | 0.1 | 0.3 | 772 | 0.5 | 0.0 | 0.7 | 693 | 1.3 | 0.0 | 0.3 | 575 | 0.5 | 0.0 | 9.1 | 28 | 12.4 | 0.0 |
| 1/15/10 6:30 | 1.2 | 859 | 2.2 | 0.1 | 0.1 | 767 | 0.2 | 0.0 | 0.7 | 690 | 1.3 | 0.0 | 0.3 | 575 | 0.5 | 0.0 | 9.0 | 28 | 12.3 | 0.0 |
| 1/15/10 7:00 | 1.4 | 859 | 2.6 | 0.1 | 0.4 | 767 | 0.7 | 0.0 | 1.1 | 690 | 2.0 | 0.1 | 0.4 | 575 | 0.7 | 0.0 | 11.0 | 28 | 15.2 | 0.0 |
| 1/15/10 7:30 | 1.1 | 859 | 2.0 | 0.1 | 0.5 | 764 | 0.9 | 0.0 | 0.9 | 685 | 1.6 | 0.1 | 0.4 | 565 | 0.7 | 0.0 | 8.7 | 28 | 11.8 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/15/10 8:00 | 1.4 | 866 | 2.6 | 0.1 | 0.3 | 771 | 0.5 | 0.0 | 0.7 | 690 | 1.3 | 0.0 | 0.3 | 570 | 0.5 | 0.0 | 11.0 | 28 | 15.2 | 0.0 |
| 1/15/10 8:30 | 1.5 | 859 | 2.7 | 0.1 | 0.4 | 764 | 0.7 | 0.0 | 0.8 | 685 | 1.4 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 9.8 | 28 | 13.4 | 0.0 |
| 1/15/10 9:00 | 1.4 | 851 | 2.6 | 0.1 | 0.1 | 758 | 0.2 | 0.0 | 0.7 | 679 | 1.3 | 0.0 | 0.3 | 561 | 0.5 | 0.0 | 7.9 | 28 | 10.7 | 0.0 |
| 1/15/10 9:30 | 1.2 | 843 | 2.2 | 0.1 | 1.4 | 752 | 2.6 | 0.1 | 1.8 | 676 | 3.3 | 0.1 | 0.4 | 561 | 0.7 | 0.0 | 8.9 | 28 | 12.1 | 0.0 |
| 1/15/10 10:00 | 1.1 | 836 | 2.0 | 0.1 | 0.4 | 746 | 0.7 | 0.0 | 0.7 | 670 | 1.3 | 0.0 | 0.3 | 556 | 0.5 | 0.0 | 7.8 | 27 | 10.5 | 0.0 |
| 1/15/10 10:30 | 1.4 | 843 | 2.6 | 0.1 | 0.2 | 748 | 0.4 | 0.0 | 1.3 | 668 | 2.4 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 8.5 | 27 | 11.5 | 0.0 |
| 1/15/10 11:00 | 1.4 | 836 | 2.6 | 0.1 | 0.3 | 744 | 0.5 | 0.0 | 0.7 | 667 | 1.3 | 0.0 | 0.4 | 552 | 0.7 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 1/15/10 11:30 | 1.8 | 828 | 3.3 | 0.2 | 0.7 | 738 | 1.3 | 0.1 | 0.6 | 662 | 1.1 | 0.0 | 0.3 | 547 | 0.5 | 0.0 | 7.6 | 27 | 10.2 | 0.0 |
| 1/15/10 12:00 | 1.3 | 821 | 2.4 | 0.1 | 0.4 | 733 | 0.7 | 0.0 | 0.7 | 659 | 1.3 | 0.0 | 0.3 | 547 | 0.5 | 0.0 | 9.2 | 27 | 12.6 | 0.0 |
| 1/15/10 12:30 | 1.4 | 813 | 2.6 | 0.1 | 0.4 | 725 | 0.7 | 0.0 | 0.9 | 650 | 1.6 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 9.3 | 27 | 12.7 | 0.0 |
| 1/15/10 13:00 | 1.8 | 806 | 3.3 | 0.1 | 0.4 | 723 | 0.7 | 0.0 | 1.0 | 653 | 1.8 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 8.0 | 27 | 10.8 | 0.0 |
| 1/15/10 13:30 | 1.4 | 821 | 2.6 | 0.1 | 0.2 | 730 | 0.4 | 0.0 | 0.8 | 653 | 1.4 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 8.9 | 27 | 12.1 | 0.0 |
| 1/15/10 14:00 | 1.1 | 821 | 2.0 | 0.1 | 0.3 | 728 | 0.5 | 0.0 | 0.6 | 651 | 1.1 | 0.0 | 0.3 | 534 | 0.5 | 0.0 | 9.5 | 26 | 13.0 | 0.0 |
| 1/15/10 14:30 | 1.3 | 806 | 2.4 | 0.1 | 0.3 | 717 | 0.5 | 0.0 | 1.0 | 642 | 1.8 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 8.3 | 26 | 11.3 | 0.0 |
| 1/15/10 15:00 | 1.4 | 806 | 2.6 | 0.1 | 0.3 | 717 | 0.5 | 0.0 | 0.7 | 642 | 1.3 | 0.0 | 0.3 | 530 | 0.5 | 0.0 | 10.0 | 26 | 13.7 | 0.0 |
| 1/15/10 15:30 | 1.3 | 813 | 2.4 | 0.1 | 0.6 | 722 | 1.1 | 0.0 | 0.7 | 645 | 1.3 | 0.0 | 0.3 | 530 | 0.5 | 0.0 | 8.1 | 26 | 11.0 | 0.0 |
| 1/15/10 16:00 | 1.4 | 821 | 2.6 | 0.1 | 0.4 | 728 | 0.7 | 0.0 | 0.8 | 651 | 1.4 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 9.3 | 26 | 12.7 | 0.0 |
| 1/15/10 16:30 | 1.4 | 806 | 2.6 | 0.1 | 0.7 | 723 | 1.3 | 0.1 | 0.7 | 653 | 1.3 | 0.0 | 0.4 | 547 | 0.7 | 0.0 | 8.4 | 27 | 11.4 | 0.0 |
| 1/15/10 17:00 | 1.4 | 813 | 2.6 | 0.1 | 0.4 | 726 | 0.7 | 0.0 | 0.7 | 653 | 1.3 | 0.0 | 0.4 | 543 | 0.7 | 0.0 | 8.4 | 27 | 11.4 | 0.0 |
| 1/15/10 17:30 | 1.6 | 806 | 2.9 | 0.1 | 0.5 | 724 | 0.9 | 0.0 | 1.1 | 655 | 2.0 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 1/15/10 18:00 | 1.8 | 821 | 3.3 | 0.2 | 0.5 | 736 | 0.9 | 0.0 | 0.9 | 664 | 1.6 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 57.0 | 27 | 87.1 | 0.1 |
| 1/15/10 18:30 | 1.9 | 806 | 3.5 | 0.2 | 0.4 | 727 | 0.7 | 0.0 | 1.2 | 661 | 2.2 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 50.0 | 28 | 75.8 | 0.1 |
| 1/15/10 19:00 | 1.3 | 836 | 2.4 | 0.1 | 0.4 | 747 | 0.7 | 0.0 | 0.9 | 673 | 1.6 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 55.0 | 28 | 83.9 | 0.1 |
| 1/15/10 19:30 | 1.5 | 828 | 2.7 | 0.1 | 0.4 | 747 | 0.7 | 0.0 | 0.7 | 678 | 1.3 | 0.0 | 0.3 | 575 | 0.5 | 0.0 | 53.0 | 28 | 80.6 | 0.1 |
| 1/15/10 20:00 | 1.7 | 828 | 3.1 | 0.1 | 0.5 | 750 | 0.9 | 0.0 | 1.0 | 683 | 1.8 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 59.0 | 29 | 90.3 | 0.1 |
| 1/15/10 20:30 | 1.5 | 843 | 2.7 | 0.1 | 0.5 | 763 | 0.9 | 0.0 | 1.8 | 695 | 3.3 | 0.1 | 0.4 | 593 | 0.7 | 0.0 | 37.0 | 29 | 55.0 | 0.1 |
| 1/15/10 21:00 | 1.5 | 859 | 2.7 | 0.1 | 0.6 | 775 | 1.1 | 0.0 | 2.2 | 704 | 4.0 | 0.2 | 0.5 | 598 | 0.9 | 0.0 | 32.0 | 29 | 47.2 | 0.1 |
| 1/15/10 21:30 | 1.7 | 859 | 3.1 | 0.2 | 0.9 | 779 | 1.6 | 0.1 | 2.5 | 712 | 4.6 | 0.2 | 0.4 | 612 | 0.7 | 0.0 | 88.0 | 30 | 138.1 | 0.2 |
| 1/15/10 22:00 | 1.8 | 866 | 3.3 | 0.2 | 1.2 | 787 | 2.2 | 0.1 | 2.2 | 721 | 4.0 | 0.2 | 0.3 | 622 | 0.5 | 0.0 | 240.0 | 31 | 401.0 | 0.7 |
| 1/15/10 22:30 | 1.6 | 882 | 2.9 | 0.1 | 1.5 | 800 | 2.7 | 0.1 | 2.4 | 730 | 4.4 | 0.2 | 0.4 | 626 | 0.7 | 0.0 | 260.0 | 31 | 436.5 | 0.8 |
| 1/15/10 23:00 | 2.5 | 874 | 4.6 | 0.2 | 1.5 | 799 | 2.7 | 0.1 | 1.9 | 736 | 3.5 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 290.0 | 31 | 490.2 | 0.9 |
| 1/15/10 23:30 | 1.7 | 897 | 3.1 | 0.2 | 2.3 | 821 | 4.2 | 0.2 | 1.8 | 757 | 3.3 | 0.1 | 0.4 | 661 | 0.7 | 0.0 | 230.0 | 32 | 383.2 | 0.7 |
| 1/16/10 0:00 | 1.9 | 921 | 3.5 | 0.2 | 2.0 | 842 | 3.7 | 0.2 | 3.4 | 776 | 6.3 | 0.3 | 0.4 | 676 | 0.7 | 0.0 | 180.0 | 33 | 295.4 | 0.5 |
| 1/16/10 0:30 | 2.4 | 937 | 4.4 | 0.2 | 1.4 | 863 | 2.6 | 0.1 | 5.6 | 800 | 10.5 | 0.5 | 0.4 | 707 | 0.7 | 0.0 | 260.0 | 34 | 436.5 | 0.8 |
| 1/16/10 1:00 | 1.9 | 962 | 3.5 | 0.2 | 2.0 | 888 | 3.7 | 0.2 | 7.7 | 826 | 14.5 | 0.7 | 0.6 | 733 | 1.1 | 0.0 | 340.0 | 36 | 580.4 | 1.2 |
| 1/16/10 1:30 | 2.1 | 970 | 3.9 | 0.2 | 3.9 | 900 | 7.3 | 0.4 | 8.1 | 842 | 15.3 | 0.7 | 0.9 | 754 | 1.6 | 0.1 | 280.0 | 37 | 472.3 | 1.0 |
| 1/16/10 2:00 | 2.5 | 1003 | 4.6 | 0.3 | 5.6 | 941 | 10.5 | 0.6 | 7.5 | 888 | 14.1 | 0.7 | 0.5 | 810 | 0.9 | 0.0 | 170.0 | 39 | 278.0 | 0.6 |
| 1/16/10 2:30 | 2.7 | 1029 | 5.0 | 0.3 | 6.6 | 971 | 12.4 | 0.7 | 7.2 | 923 | 13.6 | 0.7 | 0.8 | 850 | 1.4 | 0.1 | 450.0 | 41 | 781.7 | 1.8 |
| 1/16/10 3:00 | 3.1 | 1058 | 5.7 | 0.3 | 6.9 | 1006 | 13.0 | 0.7 | 10.8 | 962 | 20.5 | 1.1 | 0.6 | 897 | 1.1 | 0.1 | 320.0 | 43 | 544.2 | 1.3 |
| 1/16/10 3:30 | 3.2 | 1096 | 5.9 | 0.4 | 8.7 | 1046 | 16.4 | 1.0 | 11.6 | 1003 | 22.1 | 1.2 | 0.5 | 940 | 0.9 | 0.0 | 330.0 | 45 | 562.3 | 1.4 |
| 1/16/10 4:00 | 3.4 | 1125 | 6.3 | 0.4 | 7.8 | 1082 | 14.7 | 0.9 | 8.0 | 1045 | 15.1 | 0.9 | 0.5 | 990 | 0.9 | 0.0 | 190.0 | 47 | 312.9 | 0.8 |
| 1/16/10 4:30 | 3.5 | 1185 | 6.5 | 0.4 | 8.7 | 1129 | 16.4 | 1.0 | 11.5 | 1081 | 21.9 | 1.3 | 0.5 | 1009 | 0.9 | 0.1 | 250.0 | 48 | 418.7 | 1.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/16/10 5:00 | 3.7 | 1258 | 6.9 | 0.5 | 7.8 | 1191 | 14.7 | 1.0 | 10.7 | 1134 | 20.3 | 1.3 | 0.7 | 1048 | 1.3 | 0.1 | 300.0 | 50 | 508.2 | 1.4 |
| 1/16/10 5:30 | 5.3 | 1301 | 9.9 | 0.7 | 10.4 | 1217 | 19.7 | 1.3 | 9.8 | 1147 | 18.6 | 1.2 | 1.2 | 1041 | 2.2 | 0.1 | 250.0 | 50 | 418.7 | 1.2 |
| 1/16/10 6:00 | 6.8 | 1389 | 12.8 | 1.0 | 10.9 | 1292 | 20.7 | 1.5 | 7.1 | 1211 | 13.4 | 0.9 | 0.7 | 1088 | 1.3 | 0.1 | 260.0 | 52 | 436.5 | 1.3 |
| 1/16/10 6:30 | 8.0 | 1424 | 15.1 | 1.2 | 9.1 | 1313 | 17.2 | 1.3 | 9.4 | 1221 | 17.8 | 1.2 | 0.7 | 1081 | 1.3 | 0.1 | 290.0 | 51 | 490.2 | 1.4 |
| 1/16/10 7:00 | 8.0 | 1482 | 15.1 | 1.3 | 6.9 | 1357 | 13.0 | 1.0 | 9.0 | 1252 | 17.0 | 1.2 | 0.8 | 1095 | 1.4 | 0.1 | 290.0 | 52 | 490.2 | 1.4 |
| 1/16/10 7:30 | 9.0 | 1542 | 17.0 | 1.5 | 8.0 | 1398 | 15.1 | 1.2 | 7.4 | 1277 | 13.9 | 1.0 | 0.5 | 1095 | 0.9 | 0.1 | 220.0 | 52 | 365.6 | 1.1 |
| 1/16/10 8:00 | 9.9 | 1567 | 18.8 | 1.7 | 7.6 | 1415 | 14.3 | 1.1 | 9.2 | 1287 | 17.4 | 1.3 | 0.7 | 1095 | 1.3 | 0.1 | 270.0 | 52 | 454.4 | 1.3 |
| 1/16/10 8:30 | 9.4 | 1579 | 17.8 | 1.6 | 7.0 | 1425 | 13.2 | 1.1 | 7.6 | 1296 | 14.3 | 1.0 | 0.6 | 1102 | 1.1 | 0.1 | 110.0 | 52 | 175.1 | 0.5 |
| 1/16/10 9:00 | 11.0 | 1654 | 20.9 | 1.9 | 8.7 | 1476 | 16.4 | 1.4 | 8.5 | 1326 | 16.1 | 1.2 | 0.6 | 1102 | 1.1 | 0.1 | 64.0 | 52 | 98.5 | 0.3 |
| 1/16/10 9:30 | 10.0 | 1616 | 19.0 | 1.7 | 7.3 | 1451 | 13.7 | 1.1 | 11.6 | 1311 | 22.1 | 1.6 | 0.5 | 1102 | 0.9 | 0.1 | 120.0 | 52 | 192.0 | 0.6 |
| 1/16/10 10:00 | 8.7 | 1604 | 16.4 | 1.5 | 8.0 | 1440 | 15.1 | 1.2 | 7.9 | 1302 | 14.9 | 1.1 | 0.6 | 1095 | 1.1 | 0.1 | 120.0 | 52 | 192.0 | 0.6 |
| 1/16/10 10:30 | 8.4 | 1642 | 15.9 | 1.5 | 10.4 | 1470 | 19.7 | 1.6 | 4.5 | 1325 | 8.4 | 0.6 | 0.6 | 1108 | 1.1 | 0.1 | 86.0 | 53 | 134.8 | 0.4 |
| 1/16/10 11:00 | 8.7 | 1642 | 16.4 | 1.5 | 6.3 | 1459 | 11.8 | 1.0 | 3.7 | 1305 | 6.9 | 0.5 | 0.6 | 1075 | 1.1 | 0.1 | 67.0 | 51 | 103.4 | 0.3 |
| 1/16/10 11:30 | 8.6 | 1680 | 16.3 | 1.5 | 8.2 | 1485 | 15.4 | 1.3 | 4.3 | 1321 | 8.0 | 0.6 | 0.5 | 1075 | 0.9 | 0.1 | 54.0 | 51 | 82.2 | 0.2 |
| 1/16/10 12:00 | 8.0 | 1654 | 15.1 | 1.4 | 10.0 | 1468 | 19.0 | 1.6 | 4.2 | 1310 | 7.8 | 0.6 | 0.4 | 1075 | 0.7 | 0.0 | 89.0 | 51 | 139.8 | 0.4 |
| 1/16/10 12:30 | 8.3 | 1654 | 15.7 | 1.5 | 11.9 | 1466 | 22.6 | 1.9 | 5.7 | 1306 | 10.7 | 0.8 | 0.5 | 1068 | 0.9 | 0.1 | 60.0 | 51 | 92.0 | 0.3 |
| 1/16/10 13:00 | 8.2 | 1616 | 15.5 | 1.4 | 4.5 | 1440 | 8.4 | 0.7 | 2.9 | 1291 | 5.4 | 0.4 | 0.7 | 1068 | 1.3 | 0.1 | 38.0 | 51 | 56.6 | 0.2 |
| 1/16/10 13:30 | 7.9 | 1616 | 14.9 | 1.4 | 3.4 | 1438 | 6.3 | 0.5 | 2.8 | 1287 | 5.2 | 0.4 | 0.4 | 1061 | 0.7 | 0.0 | 42.0 | 50 | 63.0 | 0.2 |
| 1/16/10 14:00 | 8.2 | 1654 | 15.5 | 1.4 | 3.2 | 1463 | 5.9 | 0.5 | 2.7 | 1303 | 5.0 | 0.4 | 0.6 | 1061 | 1.1 | 0.1 | 38.0 | 50 | 56.6 | 0.2 |
| 1/16/10 14:30 | 6.4 | 1667 | 12.0 | 1.1 | 2.8 | 1466 | 5.2 | 0.4 | 2.4 | 1296 | 4.4 | 0.3 | 0.5 | 1041 | 0.9 | 0.1 | 150.0 | 50 | 243.4 | 0.7 |
| 1/16/10 15:00 | 5.0 | 1616 | 9.3 | 0.8 | 2.9 | 1433 | 5.4 | 0.4 | 2.4 | 1279 | 4.4 | 0.3 | 0.5 | 1048 | 0.9 | 0.1 | 180.0 | 50 | 295.4 | 0.8 |
| 1/16/10 15:30 | 4.2 | 1642 | 7.8 | 0.7 | 3.4 | 1455 | 6.3 | 0.5 | 1.7 | 1297 | 3.1 | 0.2 | 0.7 | 1061 | 1.3 | 0.1 | 160.0 | 50 | 260.7 | 0.7 |
| 1/16/10 16:00 | 4.6 | 1654 | 8.6 | 0.8 | 4.8 | 1455 | 9.0 | 0.7 | 3.0 | 1287 | 5.6 | 0.4 | 0.4 | 1035 | 0.7 | 0.0 | 200.0 | 49 | 330.4 | 0.9 |
| 1/16/10 16:30 | 4.6 | 1604 | 8.6 | 0.8 | 2.4 | 1425 | 4.4 | 0.4 | 4.0 | 1274 | 7.4 | 0.5 | 0.5 | 1048 | 0.9 | 0.1 | 320.0 | 50 | 544.2 | 1.5 |
| 1/16/10 17:00 | 4.5 | 1629 | 8.4 | 0.8 | 3.4 | 1442 | 6.3 | 0.5 | 4.5 | 1284 | 8.4 | 0.6 | 0.4 | 1048 | 0.7 | 0.0 | 220.0 | 50 | 365.6 | 1.0 |
| 1/16/10 17:30 | 3.9 | 1616 | 7.3 | 0.7 | 4.1 | 1429 | 7.6 | 0.6 | 5.7 | 1271 | 10.7 | 0.8 | 0.5 | 1035 | 0.9 | 0.1 | 78.0 | 49 | 121.5 | 0.3 |
| 1/16/10 18:00 | 4.4 | 1604 | 8.2 | 0.7 | 6.1 | 1423 | 11.4 | 0.9 | 7.1 | 1270 | 13.4 | 1.0 | 0.4 | 1041 | 0.7 | 0.0 | 120.0 | 50 | 192.0 | 0.5 |
| 1/16/10 18:30 | 4.2 | 1604 | 7.8 | 0.7 | 6.4 | 1423 | 12.0 | 1.0 | 9.2 | 1270 | 17.4 | 1.2 | 0.5 | 1041 | 0.9 | 0.1 | 290.0 | 50 | 490.2 | 1.4 |
| 1/16/10 19:00 | 3.2 | 1604 | 5.9 | 0.5 | 8.5 | 1423 | 16.1 | 1.3 | 6.6 | 1270 | 12.4 | 0.9 | 0.5 | 1041 | 0.9 | 0.1 | 110.0 | 50 | 175.1 | 0.5 |
| 1/16/10 19:30 | 2.8 | 1567 | 5.2 | 0.5 | 9.1 | 1400 | 17.2 | 1.4 | 3.8 | 1259 | 7.1 | 0.5 | 0.5 | 1048 | 0.9 | 0.1 | 66.0 | 50 | 101.8 | 0.3 |
| 1/16/10 20:00 | 2.9 | 1591 | 5.4 | 0.5 | 7.0 | 1416 | 13.2 | 1.0 | 5.3 | 1269 | 9.9 | 0.7 | 0.5 | 1048 | 0.9 | 0.1 | 180.0 | 50 | 295.4 | 0.8 |
| 1/16/10 20:30 | 3.7 | 1567 | 6.9 | 0.6 | 4.2 | 1398 | 7.8 | 0.6 | 7.3 | 1255 | 13.7 | 1.0 | 0.7 | 1041 | 1.3 | 0.1 | 69.0 | 50 | 106.7 | 0.3 |
| 1/16/10 21:00 | 4.3 | 1604 | 8.0 | 0.7 | 5.7 | 1427 | 10.7 | 0.9 | 4.5 | 1278 | 8.4 | 0.6 | 0.4 | 1055 | 0.7 | 0.0 | 50.0 | 50 | 75.8 | 0.2 |
| 1/16/10 21:30 | 5.3 | 1616 | 9.9 | 0.9 | 7.2 | 1436 | 13.6 | 1.1 | 3.7 | 1283 | 6.9 | 0.5 | 0.5 | 1055 | 0.9 | 0.1 | 180.0 | 50 | 295.4 | 0.8 |
| 1/16/10 22:00 | 5.6 | 1604 | 10.5 | 0.9 | 5.1 | 1425 | 9.5 | 0.8 | 5.0 | 1274 | 9.3 | 0.7 | 0.4 | 1048 | 0.7 | 0.0 | 54.0 | 50 | 82.2 | 0.2 |
| 1/16/10 22:30 | 7.2 | 1591 | 13.6 | 1.2 | 4.0 | 1414 | 7.4 | 0.6 | 3.2 | 1265 | 5.9 | 0.4 | 0.5 | 1041 | 0.9 | 0.1 | 50.0 | 50 | 75.8 | 0.2 |
| 1/16/10 23:00 | 6.9 | 1591 | 13.0 | 1.2 | 5.5 | 1416 | 10.3 | 0.8 | 3.5 | 1269 | 6.5 | 0.5 | 0.6 | 1048 | 1.1 | 0.1 | 42.0 | 50 | 63.0 | 0.2 |
| 1/16/10 23:30 | 5.8 | 1591 | 10.9 | 1.0 | 3.4 | 1421 | 6.3 | 0.5 | 5.0 | 1277 | 9.3 | 0.7 | 0.5 | 1061 | 0.9 | 0.1 | 28.0 | 50 | 40.9 | 0.1 |
| 1/17/10 0:00 | 4.6 | 1567 | 8.6 | 0.8 | 3.8 | 1402 | 7.1 | 0.6 | 3.2 | 1263 | 5.9 | 0.4 | 0.5 | 1055 | 0.9 | 0.1 | 34.0 | 50 | 50.3 | 0.1 |
| 1/17/10 0:30 | 5.4 | 1604 | 10.1 | 0.9 | 4.7 | 1425 | 8.8 | 0.7 | 2.6 | 1274 | 4.8 | 0.3 | 0.5 | 1048 | 0.9 | 0.1 | 34.0 | 50 | 50.3 | 0.1 |
| 1/17/10 1:00 | 5.5 | 1579 | 10.3 | 0.9 | 3.2 | 1410 | 5.9 | 0.5 | 2.2 | 1268 | 4.0 | 0.3 | 0.5 | 1055 | 0.9 | 0.1 | 34.0 | 50 | 50.3 | 0.1 |
| 1/17/10 1:30 | 4.5 | 1567 | 8.4 | 0.7 | 3.1 | 1395 | 5.7 | 0.5 | 1.8 | 1251 | 3.3 | 0.2 | 0.5 | 1035 | 0.9 | 0.1 | 26.0 | 49 | 37.8 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/17/10 2:00 | 4.7 | 1579 | 8.8 | 0.8 | 2.5 | 1408 | 4.6 | 0.4 | 2.3 | 1264 | 4.2 | 0.3 | 0.6 | 1048 | 1.1 | 0.1 | 27.0 | 50 | 39.4 | 0.1 |
| 1/17/10 2:30 | 5.1 | 1604 | 9.5 | 0.9 | 3.5 | 1421 | 6.5 | 0.5 | 2.0 | 1266 | 3.7 | 0.3 | 0.3 | 1035 | 0.5 | 0.0 | 52.0 | 49 | 79.0 | 0.2 |
| 1/17/10 3:00 | 3.9 | 1567 | 7.3 | 0.6 | 2.3 | 1395 | 4.2 | 0.3 | 1.8 | 1251 | 3.3 | 0.2 | 0.4 | 1035 | 0.7 | 0.0 | 40.0 | 49 | 59.8 | 0.2 |
| 1/17/10 3:30 | 4.5 | 1579 | 8.4 | 0.7 | 4.1 | 1404 | 7.6 | 0.6 | 1.7 | 1256 | 3.1 | 0.2 | 0.4 | 1035 | 0.7 | 0.0 | 60.0 | 49 | 92.0 | 0.3 |
| 1/17/10 4:00 | 4.2 | 1554 | 7.8 | 0.7 | 2.5 | 1387 | 4.6 | 0.4 | 1.8 | 1246 | 3.3 | 0.2 | 0.5 | 1035 | 0.9 | 0.1 | 61.0 | 49 | 93.6 | 0.3 |
| 1/17/10 4:30 | 4.0 | 1579 | 7.4 | 0.7 | 1.7 | 1404 | 3.1 | 0.2 | 2.1 | 1256 | 3.9 | 0.3 | 0.6 | 1035 | 1.1 | 0.1 | 120.0 | 49 | 192.0 | 0.5 |
| 1/17/10 5:00 | 3.4 | 1567 | 6.3 | 0.6 | 1.9 | 1398 | 3.5 | 0.3 | 2.9 | 1255 | 5.4 | 0.4 | 0.4 | 1041 | 0.7 | 0.0 | 280.0 | 50 | 472.3 | 1.3 |
| 1/17/10 5:30 | 3.3 | 1554 | 6.1 | 0.5 | 2.5 | 1381 | 4.6 | 0.4 | 2.5 | 1235 | 4.6 | 0.3 | 0.4 | 1015 | 0.7 | 0.0 | 84.0 | 48 | 131.5 | 0.4 |
| 1/17/10 6:00 | 3.0 | 1542 | 5.6 | 0.5 | 2.5 | 1377 | 4.6 | 0.4 | 3.0 | 1237 | 5.6 | 0.4 | 0.4 | 1028 | 0.7 | 0.0 | 40.0 | 49 | 59.8 | 0.2 |
| 1/17/10 6:30 | 3.2 | 1554 | 5.9 | 0.5 | 3.3 | 1389 | 6.1 | 0.5 | 5.1 | 1250 | 9.5 | 0.7 | 0.4 | 1041 | 0.7 | 0.0 | 50.0 | 50 | 75.8 | 0.2 |
| 1/17/10 7:00 | 2.8 | 1579 | 5.2 | 0.5 | 3.7 | 1406 | 6.9 | 0.5 | 8.5 | 1260 | 16.1 | 1.1 | 0.4 | 1041 | 0.7 | 0.0 | 190.0 | 50 | 312.9 | 0.9 |
| 1/17/10 7:30 | 3.0 | 1554 | 5.6 | 0.5 | 6.9 | 1393 | 13.0 | 1.0 | 4.3 | 1258 | 8.0 | 0.6 | 0.5 | 1055 | 0.9 | 0.1 | 210.0 | 50 | 347.9 | 1.0 |
| 1/17/10 8:00 | 2.5 | 1579 | 4.6 | 0.4 | 7.5 | 1410 | 14.1 | 1.1 | 2.9 | 1268 | 5.4 | 0.4 | 0.5 | 1055 | 0.9 | 0.1 | 170.0 | 50 | 278.0 | 0.8 |
| 1/17/10 8:30 | 3.0 | 1579 | 5.6 | 0.5 | 5.0 | 1412 | 9.3 | 0.7 | 3.8 | 1272 | 7.1 | 0.5 | 0.5 | 1061 | 0.9 | 0.1 | 120.0 | 50 | 192.0 | 0.5 |
| 1/17/10 9:00 | 3.1 | 1591 | 5.7 | 0.5 | 2.9 | 1425 | 5.4 | 0.4 | 6.2 | 1285 | 11.6 | 0.8 | 0.5 | 1075 | 0.9 | 0.1 | 88.0 | 51 | 138.1 | 0.4 |
| 1/17/10 9:30 | 3.5 | 1604 | 6.5 | 0.6 | 3.9 | 1438 | 7.3 | 0.6 | 6.9 | 1298 | 13.0 | 0.9 | 0.4 | 1088 | 0.7 | 0.0 | 100.0 | 52 | 158.2 | 0.5 |
| 1/17/10 10:00 | 3.5 | 1591 | 6.5 | 0.6 | 6.4 | 1429 | 12.0 | 1.0 | 5.4 | 1293 | 10.1 | 0.7 | 0.4 | 1088 | 0.7 | 0.0 | 80.0 | 52 | 124.8 | 0.4 |
| 1/17/10 10:30 | 4.2 | 1604 | 7.8 | 0.7 | 7.1 | 1438 | 13.4 | 1.1 | 4.6 | 1298 | 8.6 | 0.6 | 0.4 | 1088 | 0.7 | 0.0 | 55.0 | 52 | 83.9 | 0.2 |
| 1/17/10 11:00 | 5.6 | 1591 | 10.5 | 0.9 | 6.0 | 1434 | 11.3 | 0.9 | 4.4 | 1301 | 8.2 | 0.6 | 0.5 | 1102 | 0.9 | 0.1 | 40.0 | 52 | 59.8 | 0.2 |
| 1/17/10 11:30 | 6.3 | 1616 | 11.8 | 1.1 | 5.7 | 1451 | 10.7 | 0.9 | 3.7 | 1311 | 6.9 | 0.5 | 0.5 | 1102 | 0.9 | 0.1 | 35.0 | 52 | 51.9 | 0.2 |
| 1/17/10 12:00 | 4.5 | 1629 | 8.4 | 0.8 | 4.9 | 1459 | 9.2 | 0.8 | 3.2 | 1316 | 5.9 | 0.4 | 0.4 | 1102 | 0.7 | 0.0 | 30.0 | 52 | 44.0 | 0.1 |
| 1/17/10 12:30 | 4.1 | 1616 | 7.6 | 0.7 | 4.3 | 1455 | 8.0 | 0.7 | 2.7 | 1319 | 5.0 | 0.4 | 0.4 | 1115 | 0.7 | 0.0 | 45.0 | 53 | 67.8 | 0.2 |
| 1/17/10 13:00 | 4.5 | 1654 | 8.4 | 0.8 | 3.7 | 1479 | 6.9 | 0.6 | 2.1 | 1330 | 3.9 | 0.3 | 0.4 | 1108 | 0.7 | 0.0 | 46.0 | 53 | 69.4 | 0.2 |
| 1/17/10 13:30 | 5.7 | 1654 | 10.7 | 1.0 | 2.9 | 1479 | 5.4 | 0.4 | 1.9 | 1330 | 3.5 | 0.3 | 0.4 | 1108 | 0.7 | 0.0 | 30.0 | 53 | 44.0 | 0.1 |
| 1/17/10 14:00 | 6.1 | 1667 | 11.4 | 1.1 | 2.8 | 1487 | 5.2 | 0.4 | 1.9 | 1336 | 3.5 | 0.3 | 0.4 | 1108 | 0.7 | 0.0 | 35.0 | 53 | 51.9 | 0.2 |
| 1/17/10 14:30 | 5.8 | 1629 | 10.9 | 1.0 | 3.2 | 1464 | 5.9 | 0.5 | 2.9 | 1324 | 5.4 | 0.4 | 0.5 | 1115 | 0.9 | 0.1 | 45.0 | 53 | 67.8 | 0.2 |
| 1/17/10 15:00 | 4.8 | 1654 | 9.0 | 0.8 | 2.6 | 1476 | 4.8 | 0.4 | 2.4 | 1326 | 4.4 | 0.3 | 0.5 | 1102 | 0.9 | 0.1 | 210.0 | 52 | 347.9 | 1.0 |
| 1/17/10 15:30 | 5.5 | 1642 | 10.3 | 1.0 | 3.1 | 1468 | 5.7 | 0.5 | 2.0 | 1321 | 3.7 | 0.3 | 0.5 | 1102 | 0.9 | 0.1 | 67.0 | 52 | 103.4 | 0.3 |
| 1/17/10 16:00 | 4.4 | 1654 | 8.2 | 0.8 | 2.6 | 1476 | 4.8 | 0.4 | 1.9 | 1326 | 3.5 | 0.3 | 0.5 | 1102 | 0.9 | 0.1 | 33.0 | 52 | 48.7 | 0.1 |
| 1/17/10 16:30 | 3.9 | 1642 | 7.3 | 0.7 | 2.3 | 1463 | 4.2 | 0.3 | 3.7 | 1313 | 6.9 | 0.5 | 0.6 | 1088 | 1.1 | 0.1 | 26.0 | 52 | 37.8 | 0.1 |
| 1/17/10 17:00 | 3.6 | 1680 | 6.7 | 0.6 | 2.1 | 1496 | 3.9 | 0.3 | 5.4 | 1341 | 10.1 | 0.8 | 0.4 | 1108 | 0.7 | 0.0 | 27.0 | 53 | 39.4 | 0.1 |
| 1/17/10 17:30 | 3.4 | 1667 | 6.3 | 0.6 | 4.4 | 1487 | 8.2 | 0.7 | 3.8 | 1336 | 7.1 | 0.5 | 0.4 | 1108 | 0.7 | 0.0 | 30.0 | 53 | 44.0 | 0.1 |
| 1/17/10 18:00 | 3.3 | 1667 | 6.1 | 0.6 | 6.2 | 1489 | 11.6 | 1.0 | 2.4 | 1340 | 4.4 | 0.3 | 0.4 | 1115 | 0.7 | 0.0 | 62.0 | 53 | 95.2 | 0.3 |
| 1/17/10 18:30 | 3.4 | 1667 | 6.3 | 0.6 | 3.2 | 1489 | 5.9 | 0.5 | 1.9 | 1340 | 3.5 | 0.3 | 0.7 | 1115 | 1.3 | 0.1 | 62.0 | 53 | 95.2 | 0.3 |
| 1/17/10 19:00 | 3.2 | 1629 | 5.9 | 0.5 | 2.1 | 1468 | 3.9 | 0.3 | 2.5 | 1332 | 4.6 | 0.3 | 0.4 | 1129 | 0.7 | 0.0 | 230.0 | 54 | 383.2 | 1.2 |
| 1/17/10 19:30 | 3.7 | 1667 | 6.9 | 0.6 | 2.3 | 1498 | 4.2 | 0.4 | 2.0 | 1356 | 3.7 | 0.3 | 0.4 | 1143 | 0.7 | 0.0 | 62.0 | 54 | 95.2 | 0.3 |
| 1/17/10 20:00 | 3.3 | 1667 | 6.1 | 0.6 | 2.1 | 1498 | 3.9 | 0.3 | 3.3 | 1356 | 6.1 | 0.5 | 0.5 | 1143 | 0.9 | 0.1 | 42.0 | 54 | 63.0 | 0.2 |
| 1/17/10 20:30 | 3.9 | 1680 | 7.3 | 0.7 | 3.1 | 1505 | 5.7 | 0.5 | 3.8 | 1357 | 7.1 | 0.5 | 0.4 | 1136 | 0.7 | 0.0 | 110.0 | 54 | 175.1 | 0.5 |
| 1/17/10 21:00 | 4.5 | 1629 | 8.4 | 0.8 | 5.0 | 1470 | 9.3 | 0.8 | 4.4 | 1336 | 8.2 | 0.6 | 0.8 | 1136 | 1.4 | 0.1 | 33.0 | 54 | 48.7 | 0.1 |
| 1/17/10 21:30 | 4.6 | 1642 | 8.6 | 0.8 | 5.0 | 1479 | 9.3 | 0.8 | 2.7 | 1342 | 5.0 | 0.4 | 0.5 | 1136 | 0.9 | 0.1 | 26.0 | 54 | 37.8 | 0.1 |
| 1/17/10 22:00 | 3.8 | 1654 | 7.1 | 0.7 | 4.8 | 1487 | 9.0 | 0.7 | 3.8 | 1347 | 7.1 | 0.5 | 0.4 | 1136 | 0.7 | 0.0 | 21.0 | 54 | 30.2 | 0.1 |
| 1/17/10 22:30 | 3.4 | 1642 | 6.3 | 0.6 | 3.0 | 1479 | 5.6 | 0.5 | 3.0 | 1342 | 5.6 | 0.4 | 0.4 | 1136 | 0.7 | 0.0 | 17.0 | 54 | 24.1 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/17/10 23:00 | 3.1 | 1680 | 5.7 | 0.5 | 4.4 | 1500 | 8.2 | 0.7 | 2.4 | 1349 | 4.4 | 0.3 | 0.6 | 1122 | 1.1 | 0.1 | 13.0 | 53 | 18.1 | 0.1 |
| 1/17/10 23:30 | 3.1 | 1693 | 5.7 | 0.5 | 3.6 | 1509 | 6.7 | 0.6 | 1.7 | 1354 | 3.1 | 0.2 | 1.6 | 1122 | 2.9 | 0.2 | 19.0 | 53 | 27.1 | 0.1 |
| 1/18/10 0:00 | 3.1 | 1654 | 5.7 | 0.5 | 2.1 | 1479 | 3.9 | 0.3 | 1.6 | 1330 | 2.9 | 0.2 | 0.5 | 1108 | 0.9 | 0.1 | 15.0 | 53 | 21.1 | 0.1 |
| 1/18/10 0:30 | 3.7 | 1629 | 6.9 | 0.6 | 2.4 | 1464 | 4.4 | 0.4 | 1.3 | 1324 | 2.4 | 0.2 | 0.7 | 1115 | 1.3 | 0.1 | 16.0 | 53 | 22.6 | 0.1 |
| 1/18/10 1:00 | 4.5 | 1642 | 8.4 | 0.8 | 1.6 | 1468 | 2.9 | 0.2 | 1.3 | 1321 | 2.4 | 0.2 | 0.6 | 1102 | 1.1 | 0.1 | 14.0 | 52 | 19.6 | 0.1 |
| 1/18/10 1:30 | 4.2 | 1629 | 7.8 | 0.7 | 2.8 | 1455 | 5.2 | 0.4 | 1.3 | 1308 | 2.4 | 0.2 | 0.5 | 1088 | 0.9 | 0.1 | 14.0 | 52 | 19.6 | 0.1 |
| 1/18/10 2:00 | 6.6 | 1642 | 12.4 | 1.1 | 1.6 | 1466 | 2.9 | 0.2 | 1.9 | 1317 | 3.5 | 0.3 | 0.6 | 1095 | 1.1 | 0.1 | 14.0 | 52 | 19.6 | 0.1 |
| 1/18/10 2:30 | 4.1 | 1654 | 7.6 | 0.7 | 2.3 | 1468 | 4.2 | 0.3 | 1.5 | 1310 | 2.7 | 0.2 | 0.6 | 1075 | 1.1 | 0.1 | 13.0 | 51 | 18.1 | 0.1 |
| 1/18/10 3:00 | 3.8 | 1642 | 7.1 | 0.7 | 1.8 | 1455 | 3.3 | 0.3 | 1.3 | 1297 | 2.4 | 0.2 | 0.4 | 1061 | 0.7 | 0.0 | 16.0 | 50 | 22.6 | 0.1 |
| 1/18/10 3:30 | 3.1 | 1604 | 5.7 | 0.5 | 1.4 | 1429 | 2.6 | 0.2 | 1.3 | 1282 | 2.4 | 0.2 | 0.4 | 1061 | 0.7 | 0.0 | 13.0 | 50 | 18.1 | 0.1 |
| 1/18/10 4:00 | 2.7 | 1604 | 5.0 | 0.4 | 1.5 | 1421 | 2.7 | 0.2 | 1.4 | 1266 | 2.6 | 0.2 | 0.4 | 1035 | 0.7 | 0.0 | 14.0 | 49 | 19.6 | 0.1 |
| 1/18/10 4:30 | 2.4 | 1604 | 4.4 | 0.4 | 1.4 | 1423 | 2.6 | 0.2 | 1.1 | 1270 | 2.0 | 0.1 | 0.5 | 1041 | 0.9 | 0.1 | 12.0 | 50 | 16.6 | 0.0 |
| 1/18/10 5:00 | 2.5 | 1591 | 4.6 | 0.4 | 1.4 | 1412 | 2.6 | 0.2 | 1.1 | 1261 | 2.0 | 0.1 | 0.5 | 1035 | 0.9 | 0.1 | 12.0 | 49 | 16.6 | 0.0 |
| 1/18/10 5:30 | 2.4 | 1579 | 4.4 | 0.4 | 1.5 | 1402 | 2.7 | 0.2 | 1.1 | 1252 | 2.0 | 0.1 | 0.3 | 1028 | 0.5 | 0.0 | 9.6 | 49 | 13.1 | 0.0 |
| 1/18/10 6:00 | 2.7 | 1554 | 5.0 | 0.4 | 1.8 | 1381 | 3.3 | 0.3 | 1.2 | 1235 | 2.2 | 0.2 | 0.4 | 1015 | 0.7 | 0.0 | 12.0 | 48 | 16.6 | 0.0 |
| 1/18/10 6:30 | 2.4 | 1542 | 4.4 | 0.4 | 1.2 | 1373 | 2.2 | 0.2 | 1.2 | 1230 | 2.2 | 0.2 | 0.6 | 1015 | 1.1 | 0.1 | 12.0 | 48 | 16.6 | 0.0 |
| 1/18/10 7:00 | 2.4 | 1530 | 4.4 | 0.4 | 1.5 | 1362 | 2.7 | 0.2 | 1.2 | 1221 | 2.2 | 0.1 | 0.4 | 1009 | 0.7 | 0.0 | 12.0 | 48 | 16.6 | 0.0 |
| 1/18/10 7:30 | 2.7 | 1554 | 5.0 | 0.4 | 1.5 | 1375 | 2.7 | 0.2 | 1.1 | 1223 | 2.0 | 0.1 | 0.4 | 996 | 0.7 | 0.0 | 11.0 | 48 | 15.2 | 0.0 |
| 1/18/10 8:00 | 2.4 | 1494 | 4.4 | 0.4 | 1.4 | 1332 | 2.6 | 0.2 | 1.4 | 1195 | 2.6 | 0.2 | 0.4 | 990 | 0.7 | 0.0 | 10.0 | 47 | 13.7 | 0.0 |
| 1/18/10 8:30 | 2.2 | 1494 | 4.0 | 0.3 | 1.4 | 1325 | 2.6 | 0.2 | 1.8 | 1184 | 3.3 | 0.2 | 0.5 | 971 | 0.9 | 0.0 | 11.0 | 46 | 15.2 | 0.0 |
| 1/18/10 9:00 | 2.0 | 1518 | 3.7 | 0.3 | 1.5 | 1342 | 2.7 | 0.2 | 1.4 | 1193 | 2.6 | 0.2 | 0.4 | 971 | 0.7 | 0.0 | 12.0 | 46 | 16.6 | 0.0 |
| 1/18/10 9:30 | 2.0 | 1494 | 3.7 | 0.3 | 5.5 | 1321 | 10.3 | 0.8 | 1.1 | 1176 | 2.0 | 0.1 | 0.4 | 958 | 0.7 | 0.0 | 12.0 | 46 | 16.6 | 0.0 |
| 1/18/10 10:00 | 3.1 | 1494 | 5.7 | 0.5 | 1.2 | 1323 | 2.2 | 0.2 | 1.0 | 1180 | 1.8 | 0.1 | 0.7 | 964 | 1.3 | 0.1 | 11.0 | 46 | 15.2 | 0.0 |
| 1/18/10 10:30 | 2.5 | 1458 | 4.6 | 0.4 | 1.0 | 1295 | 1.8 | 0.1 | 1.3 | 1158 | 2.4 | 0.2 | 0.4 | 952 | 0.7 | 0.0 | 10.0 | 46 | 13.7 | 0.0 |
| 1/18/10 11:00 | 2.5 | 1447 | 4.6 | 0.4 | 1.2 | 1283 | 2.1 | 0.2 | 1.0 | 1146 | 1.8 | 0.1 | 0.4 | 940 | 0.7 | 0.0 | 14.0 | 45 | 19.6 | 0.0 |
| 1/18/10 11:30 | 2.7 | 1470 | 5.0 | 0.4 | 1.3 | 1297 | 2.4 | 0.2 | 1.0 | 1152 | 1.8 | 0.1 | 0.5 | 933 | 0.9 | 0.0 | 11.0 | 45 | 15.2 | 0.0 |
| 1/18/10 12:00 | 2.3 | 1447 | 4.2 | 0.3 | 5.3 | 1279 | 9.9 | 0.7 | 1.1 | 1139 | 2.0 | 0.1 | 0.4 | 927 | 0.7 | 0.0 | 11.0 | 44 | 15.2 | 0.0 |
| 1/18/10 12:30 | 1.8 | 1470 | 3.3 | 0.3 | 1.2 | 1291 | 2.2 | 0.2 | 1.1 | 1141 | 2.0 | 0.1 | 0.4 | 915 | 0.7 | 0.0 | 13.0 | 44 | 18.1 | 0.0 |
| 1/18/10 13:00 | 2.1 | 1435 | 3.9 | 0.3 | 1.4 | 1268 | 2.6 | 0.2 | 0.9 | 1127 | 1.6 | 0.1 | 0.4 | 915 | 0.7 | 0.0 | 14.0 | 44 | 19.6 | 0.0 |
| 1/18/10 13:30 | 2.0 | 1401 | 3.7 | 0.3 | 1.2 | 1242 | 2.2 | 0.2 | 1.1 | 1109 | 2.0 | 0.1 | 0.4 | 909 | 0.7 | 0.0 | 13.0 | 44 | 18.1 | 0.0 |
| 1/18/10 14:00 | 1.9 | 1401 | 3.5 | 0.3 | 1.7 | 1240 | 3.1 | 0.2 | 1.1 | 1105 | 2.0 | 0.1 | 0.4 | 903 | 0.7 | 0.0 | 11.0 | 43 | 15.2 | 0.0 |
| 1/18/10 14:30 | 2.0 | 1389 | 3.7 | 0.3 | 1.2 | 1233 | 2.2 | 0.2 | 1.8 | 1101 | 3.3 | 0.2 | 0.3 | 903 | 0.5 | 0.0 | 9.7 | 43 | 13.3 | 0.0 |
| 1/18/10 15:00 | 2.2 | 1389 | 4.0 | 0.3 | 1.4 | 1225 | 2.6 | 0.2 | 1.2 | 1087 | 2.2 | 0.1 | 0.4 | 879 | 0.7 | 0.0 | 12.0 | 42 | 16.6 | 0.0 |
| 1/18/10 15:30 | 1.8 | 1389 | 3.3 | 0.3 | 2.9 | 1223 | 5.4 | 0.4 | 1.6 | 1083 | 2.9 | 0.2 | 0.5 | 873 | 0.9 | 0.0 | 8.1 | 42 | 11.0 | 0.0 |
| 1/18/10 16:00 | 2.3 | 1378 | 4.2 | 0.3 | 1.2 | 1212 | 2.2 | 0.1 | 1.1 | 1072 | 2.0 | 0.1 | 0.6 | 861 | 1.1 | 0.1 | 10.0 | 41 | 13.7 | 0.0 |
| 1/18/10 16:30 | 2.5 | 1389 | 4.6 | 0.4 | 1.0 | 1221 | 1.8 | 0.1 | 1.1 | 1080 | 2.0 | 0.1 | 0.3 | 867 | 0.5 | 0.0 | 9.1 | 42 | 12.4 | 0.0 |
| 1/18/10 17:00 | 2.2 | 1356 | 4.0 | 0.3 | 0.9 | 1199 | 1.6 | 0.1 | 0.9 | 1066 | 1.6 | 0.1 | 0.4 | 867 | 0.7 | 0.0 | 10.0 | 42 | 13.7 | 0.0 |
| 1/18/10 17:30 | 2.4 | 1367 | 4.4 | 0.3 | 1.0 | 1202 | 1.8 | 0.1 | 1.0 | 1064 | 1.8 | 0.1 | 0.4 | 856 | 0.7 | 0.0 | 8.8 | 41 | 12.0 | 0.0 |
| 1/18/10 18:00 | 2.1 | 1323 | 3.9 | 0.3 | 1.9 | 1167 | 3.5 | 0.2 | 1.0 | 1035 | 1.8 | 0.1 | 0.4 | 838 | 0.7 | 0.0 | 7.7 | 40 | 10.4 | 0.0 |
| 1/18/10 18:30 | 2.0 | 1323 | 3.7 | 0.3 | 0.7 | 1165 | 1.3 | 0.1 | 1.1 | 1032 | 2.0 | 0.1 | 0.3 | 832 | 0.5 | 0.0 | 8.0 | 40 | 10.8 | 0.0 |
| 1/18/10 19:00 | 2.5 | 1323 | 4.6 | 0.3 | 0.9 | 1165 | 1.6 | 0.1 | 0.9 | 1032 | 1.6 | 0.1 | 0.4 | 832 | 0.7 | 0.0 | 7.4 | 40 | 10.0 | 0.0 |
| 1/18/10 19:30 | 2.2 | 1312 | 4.0 | 0.3 | 0.9 | 1156 | 1.6 | 0.1 | 1.9 | 1024 | 3.5 | 0.2 | 0.4 | 827 | 0.7 | 0.0 | 11.0 | 40 | 15.2 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/18/10 20:00 | 2.5 | 1280 | 4.6 | 0.3 | 1.2 | 1132 | 2.2 | 0.1 | 1.0 | 1008 | 1.8 | 0.1 | 0.5 | 821 | 0.9 | 0.0 | 10.0 | 40 | 13.7 | 0.0 |
| 1/18/10 20:30 | 1.9 | 1290 | 3.5 | 0.3 | 1.2 | 1135 | 2.2 | 0.1 | 1.1 | 1005 | 2.0 | 0.1 | 0.4 | 810 | 0.7 | 0.0 | 8.4 | 39 | 11.4 | 0.0 |
| 1/18/10 21:00 | 2.1 | 1280 | 3.9 | 0.3 | 0.9 | 1128 | 1.6 | 0.1 | 0.9 | 1001 | 1.6 | 0.1 | 0.4 | 810 | 0.7 | 0.0 | 9.1 | 39 | 12.4 | 0.0 |
| 1/18/10 21:30 | 1.9 | 1269 | 3.5 | 0.2 | 0.7 | 1117 | 1.3 | 0.1 | 1.0 | 990 | 1.8 | 0.1 | 0.3 | 798 | 0.5 | 0.0 | 7.4 | 39 | 10.0 | 0.0 |
| 1/18/10 22:00 | 2.1 | 1258 | 3.9 | 0.3 | 0.9 | 1107 | 1.6 | 0.1 | 1.0 | 979 | 1.8 | 0.1 | 0.4 | 787 | 0.7 | 0.0 | 8.2 | 38 | 11.1 | 0.0 |
| 1/18/10 22:30 | 1.9 | 1227 | 3.5 | 0.2 | 0.9 | 1085 | 1.6 | 0.1 | 0.9 | 966 | 1.6 | 0.1 | 0.3 | 787 | 0.5 | 0.0 | 7.9 | 38 | 10.7 | 0.0 |
| 1/18/10 23:00 | 2.0 | 1237 | 3.7 | 0.3 | 1.3 | 1091 | 2.4 | 0.1 | 1.0 | 967 | 1.8 | 0.1 | 0.3 | 782 | 0.5 | 0.0 | 6.4 | 38 | 8.5 | 0.0 |
| 1/18/10 23:30 | 1.9 | 1227 | 3.5 | 0.2 | 1.3 | 1082 | 2.4 | 0.1 | 1.0 | 959 | 1.8 | 0.1 | 0.3 | 776 | 0.5 | 0.0 | 6.6 | 38 | 8.8 | 0.0 |
| 1/19/10 0:00 | 2.1 | 1206 | 3.9 | 0.3 | 1.1 | 1064 | 2.0 | 0.1 | 1.1 | 945 | 2.0 | 0.1 | 0.4 | 765 | 0.7 | 0.0 | 6.2 | 37 | 8.3 | 0.0 |
| 1/19/10 0:30 | 1.9 | 1237 | 3.5 | 0.2 | 0.9 | 1085 | 1.6 | 0.1 | 0.9 | 957 | 1.6 | 0.1 | 0.4 | 765 | 0.7 | 0.0 | 7.3 | 37 | 9.8 | 0.0 |
| 1/19/10 1:00 | 2.0 | 1216 | 3.7 | 0.3 | 0.9 | 1069 | 1.6 | 0.1 | 1.0 | 946 | 1.8 | 0.1 | 0.4 | 760 | 0.7 | 0.0 | 5.7 | 37 | 7.5 | 0.0 |
| 1/19/10 1:30 | 1.9 | 1206 | 3.5 | 0.2 | 1.1 | 1059 | 2.0 | 0.1 | 1.1 | 935 | 2.0 | 0.1 | 0.4 | 749 | 0.7 | 0.0 | 7.1 | 36 | 9.5 | 0.0 |
| 1/19/10 2:00 | 1.8 | 1185 | 3.3 | 0.2 | 1.1 | 1047 | 2.0 | 0.1 | 1.0 | 930 | 1.8 | 0.1 | 0.5 | 754 | 0.9 | 0.0 | 5.6 | 37 | 7.4 | 0.0 |
| 1/19/10 2:30 | 2.2 | 1165 | 4.0 | 0.3 | 0.9 | 1029 | 1.6 | 0.1 | 0.9 | 915 | 1.6 | 0.1 | 0.3 | 744 | 0.5 | 0.0 | 6.0 | 36 | 8.0 | 0.0 |
| 1/19/10 3:00 | 2.6 | 1175 | 4.8 | 0.3 | 0.9 | 1036 | 1.6 | 0.1 | 0.9 | 919 | 1.6 | 0.1 | 0.3 | 744 | 0.5 | 0.0 | 6.7 | 36 | 9.0 | 0.0 |
| 1/19/10 3:30 | 2.0 | 1196 | 3.7 | 0.2 | 1.0 | 1047 | 1.8 | 0.1 | 0.9 | 921 | 1.6 | 0.1 | 0.4 | 733 | 0.7 | 0.0 | 5.8 | 36 | 7.7 | 0.0 |
| 1/19/10 4:00 | 2.9 | 1196 | 5.4 | 0.4 | 1.5 | 1043 | 2.7 | 0.2 | 0.7 | 915 | 1.3 | 0.1 | 0.3 | 722 | 0.5 | 0.0 | 6.3 | 35 | 8.4 | 0.0 |
| 1/19/10 4:30 | 2.0 | 1155 | 3.7 | 0.2 | 1.0 | 1014 | 1.8 | 0.1 | 0.8 | 895 | 1.4 | 0.1 | 0.4 | 717 | 0.7 | 0.0 | 5.9 | 35 | 7.8 | 0.0 |
| 1/19/10 5:00 | 2.3 | 1165 | 4.2 | 0.3 | 1.1 | 1021 | 2.0 | 0.1 | 1.1 | 899 | 2.0 | 0.1 | 0.4 | 717 | 0.7 | 0.0 | 5.2 | 35 | 6.8 | 0.0 |
| 1/19/10 5:30 | 2.0 | 1155 | 3.7 | 0.2 | 1.0 | 1011 | 1.8 | 0.1 | 0.7 | 889 | 1.3 | 0.1 | 0.4 | 707 | 0.7 | 0.0 | 4.0 | 34 | 5.2 | 0.0 |
| 1/19/10 6:00 | 1.9 | 1125 | 3.5 | 0.2 | 1.0 | 989 | 1.8 | 0.1 | 0.9 | 874 | 1.6 | 0.1 | 0.3 | 702 | 0.5 | 0.0 | 3.8 | 34 | 4.9 | 0.0 |
| 1/19/10 6:30 | 1.8 | 1115 | 3.3 | 0.2 | 0.7 | 980 | 1.3 | 0.1 | 1.0 | 867 | 1.8 | 0.1 | 0.4 | 696 | 0.7 | 0.0 | 4.6 | 34 | 6.0 | 0.0 |
| 1/19/10 7:00 | 2.3 | 1135 | 4.2 | 0.3 | 0.8 | 994 | 1.4 | 0.1 | 0.9 | 875 | 1.6 | 0.1 | 0.3 | 696 | 0.5 | 0.0 | 4.2 | 34 | 5.5 | 0.0 |
| 1/19/10 7:30 | 2.0 | 1096 | 3.7 | 0.2 | 2.2 | 966 | 4.0 | 0.2 | 1.0 | 856 | 1.8 | 0.1 | 0.3 | 691 | 0.5 | 0.0 | 5.1 | 34 | 6.7 | 0.0 |
| 1/19/10 8:00 | 2.1 | 1096 | 3.9 | 0.2 | 0.7 | 964 | 1.3 | 0.1 | 0.9 | 853 | 1.6 | 0.1 | 0.3 | 686 | 0.5 | 0.0 | 4.2 | 33 | 5.5 | 0.0 |
| 1/19/10 8:30 | 2.0 | 1106 | 3.7 | 0.2 | 1.7 | 969 | 3.1 | 0.2 | 0.7 | 854 | 1.3 | 0.1 | 0.4 | 681 | 0.7 | 0.0 | 3.8 | 33 | 4.9 | 0.0 |
| 1/19/10 9:00 | 1.9 | 1115 | 3.5 | 0.2 | 0.7 | 974 | 1.3 | 0.1 | 0.7 | 855 | 1.3 | 0.1 | 0.3 | 676 | 0.5 | 0.0 | 3.7 | 33 | 4.8 | 0.0 |
| 1/19/10 9:30 | 2.2 | 1086 | 4.0 | 0.2 | 0.8 | 954 | 1.4 | 0.1 | 0.6 | 843 | 1.1 | 0.1 | 0.3 | 676 | 0.5 | 0.0 | 3.3 | 33 | 4.2 | 0.0 |
| 1/19/10 10:00 | 1.8 | 1096 | 3.3 | 0.2 | 0.6 | 956 | 1.1 | 0.1 | 0.7 | 838 | 1.3 | 0.1 | 0.4 | 661 | 0.7 | 0.0 | 3.5 | 32 | 4.5 | 0.0 |
| 1/19/10 10:30 | 2.1 | 1077 | 3.9 | 0.2 | 1.0 | 943 | 1.8 | 0.1 | 0.6 | 830 | 1.1 | 0.1 | 0.6 | 661 | 1.1 | 0.0 | 3.1 | 32 | 4.0 | 0.0 |
| 1/19/10 11:00 | 2.1 | 1086 | 3.9 | 0.2 | 0.9 | 949 | 1.6 | 0.1 | 0.8 | 834 | 1.4 | 0.1 | 0.3 | 661 | 0.5 | 0.0 | 4.3 | 32 | 5.6 | 0.0 |
| 1/19/10 11:30 | 1.9 | 1067 | 3.5 | 0.2 | 0.7 | 936 | 1.3 | 0.1 | 1.0 | 826 | 1.8 | 0.1 | 0.4 | 661 | 0.7 | 0.0 | 5.4 | 32 | 7.1 | 0.0 |
| 1/19/10 12:00 | 2.0 | 1067 | 3.7 | 0.2 | 0.6 | 933 | 1.1 | 0.1 | 0.7 | 820 | 1.3 | 0.1 | 0.4 | 651 | 0.7 | 0.0 | 3.0 | 32 | 3.8 | 0.0 |
| 1/19/10 12:30 | 2.0 | 1067 | 3.7 | 0.2 | 0.7 | 930 | 1.3 | 0.1 | 0.9 | 814 | 1.6 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 4.4 | 31 | 5.7 | 0.0 |
| 1/19/10 13:00 | 1.9 | 1039 | 3.5 | 0.2 | 1.0 | 912 | 1.8 | 0.1 | 0.6 | 806 | 1.1 | 0.0 | 0.4 | 646 | 0.7 | 0.0 | 5.0 | 32 | 6.6 | 0.0 |
| 1/19/10 13:30 | 1.7 | 1058 | 3.1 | 0.2 | 1.0 | 920 | 1.8 | 0.1 | 0.7 | 805 | 1.3 | 0.1 | 0.3 | 631 | 0.5 | 0.0 | 4.1 | 31 | 5.3 | 0.0 |
| 1/19/10 14:00 | 1.8 | 1039 | 3.3 | 0.2 | 0.6 | 906 | 1.1 | 0.1 | 0.7 | 794 | 1.3 | 0.1 | 0.4 | 626 | 0.7 | 0.0 | 3.2 | 31 | 4.1 | 0.0 |
| 1/19/10 14:30 | 1.8 | 1039 | 3.3 | 0.2 | 0.6 | 906 | 1.1 | 0.1 | 0.8 | 794 | 1.4 | 0.1 | 0.4 | 626 | 0.7 | 0.0 | 4.0 | 31 | 5.2 | 0.0 |
| 1/19/10 15:00 | 1.8 | 1020 | 3.3 | 0.2 | 1.3 | 893 | 2.4 | 0.1 | 0.7 | 787 | 1.3 | 0.1 | 0.3 | 626 | 0.5 | 0.0 | 3.4 | 31 | 4.4 | 0.0 |
| 1/19/10 15:30 | 1.8 | 1029 | 3.3 | 0.2 | 0.6 | 898 | 1.1 | 0.1 | 0.5 | 787 | 0.9 | 0.0 | 0.3 | 622 | 0.5 | 0.0 | 3.4 | 31 | 4.4 | 0.0 |
| 1/19/10 16:00 | 1.8 | 1020 | 3.3 | 0.2 | 0.7 | 890 | 1.3 | 0.1 | 0.7 | 781 | 1.3 | 0.1 | 0.3 | 617 | 0.5 | 0.0 | 2.8 | 30 | 3.5 | 0.0 |
| 1/19/10 16:30 | 1.8 | 1012 | 3.3 | 0.2 | 1.0 | 884 | 1.8 | 0.1 | 0.6 | 777 | 1.1 | 0.0 | 0.4 | 617 | 0.7 | 0.0 | 4.4 | 30 | 5.7 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/19/10 17:00 | 1.8 | 1003 | 3.3 | 0.2 | 0.8 | 877 | 1.4 | 0.1 | 0.7 | 771 | 1.3 | 0.1 | 0.3 | 612 | 0.5 | 0.0 | 3.5 | 30 | 4.5 | 0.0 |
| 1/19/10 17:30 | 1.8 | 995 | 3.3 | 0.2 | 0.7 | 868 | 1.3 | 0.1 | 2.0 | 762 | 3.7 | 0.2 | 0.3 | 602 | 0.5 | 0.0 | 3.2 | 30 | 4.1 | 0.0 |
| 1/19/10 18:00 | 1.8 | 1003 | 3.3 | 0.2 | 1.0 | 876 | 1.8 | 0.1 | 0.6 | 768 | 1.1 | 0.0 | 0.3 | 607 | 0.5 | 0.0 | 3.7 | 30 | 4.8 | 0.0 |
| 1/19/10 18:30 | 1.8 | 995 | 3.3 | 0.2 | 0.4 | 868 | 0.7 | 0.0 | 0.7 | 762 | 1.3 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 3.2 | 30 | 4.1 | 0.0 |
| 1/19/10 19:00 | 2.0 | 986 | 3.7 | 0.2 | 0.8 | 861 | 1.4 | 0.1 | 0.7 | 756 | 1.3 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 3.1 | 29 | 4.0 | 0.0 |
| 1/19/10 19:30 | 1.8 | 986 | 3.3 | 0.2 | 0.5 | 860 | 0.9 | 0.0 | 0.9 | 753 | 1.6 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 3.0 | 29 | 3.8 | 0.0 |
| 1/19/10 20:00 | 1.8 | 978 | 3.3 | 0.2 | 1.0 | 853 | 1.8 | 0.1 | 0.7 | 747 | 1.3 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 3.6 | 29 | 4.6 | 0.0 |
| 1/19/10 20:30 | 1.8 | 962 | 3.3 | 0.2 | 0.9 | 840 | 1.6 | 0.1 | 0.6 | 737 | 1.1 | 0.0 | 0.4 | 584 | 0.7 | 0.0 | 3.3 | 29 | 4.2 | 0.0 |
| 1/19/10 21:00 | 1.9 | 970 | 3.5 | 0.2 | 0.7 | 844 | 1.3 | 0.1 | 0.8 | 738 | 1.4 | 0.1 | 0.3 | 579 | 0.5 | 0.0 | 2.4 | 29 | 3.0 | 0.0 |
| 1/19/10 21:30 | 1.7 | 962 | 3.1 | 0.2 | 0.6 | 837 | 1.1 | 0.1 | 0.8 | 732 | 1.4 | 0.1 | 0.4 | 575 | 0.7 | 0.0 | 2.7 | 28 | 3.4 | 0.0 |
| 1/19/10 22:00 | 1.9 | 953 | 3.5 | 0.2 | 0.5 | 830 | 0.9 | 0.0 | 0.7 | 726 | 1.3 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 2.6 | 28 | 3.3 | 0.0 |
| 1/19/10 22:30 | 1.9 | 962 | 3.5 | 0.2 | 0.6 | 835 | 1.1 | 0.1 | 0.6 | 729 | 1.1 | 0.0 | 0.3 | 570 | 0.5 | 0.0 | 2.9 | 28 | 3.7 | 0.0 |
| 1/19/10 23:00 | 2.2 | 953 | 4.0 | 0.2 | 0.6 | 828 | 1.1 | 0.1 | 0.6 | 723 | 1.1 | 0.0 | 0.3 | 565 | 0.5 | 0.0 | 2.9 | 28 | 3.7 | 0.0 |
| 1/19/10 23:30 | 1.8 | 953 | 3.3 | 0.2 | 0.7 | 827 | 1.3 | 0.1 | 0.7 | 721 | 1.3 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 2.2 | 28 | 2.7 | 0.0 |
| 1/20/10 0:00 | 1.7 | 937 | 3.1 | 0.2 | 0.6 | 816 | 1.1 | 0.0 | 0.7 | 714 | 1.3 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 2.7 | 28 | 3.4 | 0.0 |
| 1/20/10 0:30 | 1.9 | 937 | 3.5 | 0.2 | 0.6 | 815 | 1.1 | 0.0 | 0.6 | 711 | 1.1 | 0.0 | 0.4 | 556 | 0.7 | 0.0 | 2.2 | 27 | 2.7 | 0.0 |
| 1/20/10 1:00 | 1.9 | 913 | 3.5 | 0.2 | 0.5 | 798 | 0.9 | 0.0 | 0.8 | 702 | 1.4 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 2.5 | 27 | 3.1 | 0.0 |
| 1/20/10 1:30 | 1.8 | 913 | 3.3 | 0.2 | 0.6 | 798 | 1.1 | 0.0 | 0.7 | 702 | 1.3 | 0.0 | 0.3 | 556 | 0.5 | 0.0 | 1.9 | 27 | 2.4 | 0.0 |
| 1/20/10 2:00 | 1.9 | 921 | 3.5 | 0.2 | 0.5 | 801 | 0.9 | 0.0 | 0.7 | 699 | 1.3 | 0.0 | 0.4 | 547 | 0.7 | 0.0 | 3.0 | 27 | 3.8 | 0.0 |
| 1/20/10 2:30 | 2.3 | 913 | 4.2 | 0.2 | 0.6 | 794 | 1.1 | 0.0 | 0.9 | 694 | 1.6 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 2.3 | 27 | 2.9 | 0.0 |
| 1/20/10 3:00 | 1.9 | 905 | 3.5 | 0.2 | 0.9 | 789 | 1.6 | 0.1 | 0.7 | 690 | 1.3 | 0.0 | 0.3 | 543 | 0.5 | 0.0 | 1.9 | 27 | 2.4 | 0.0 |
| 1/20/10 3:30 | 2.2 | 897 | 4.0 | 0.2 | 1.2 | 782 | 2.2 | 0.1 | 0.6 | 684 | 1.1 | 0.0 | 0.3 | 539 | 0.5 | 0.0 | 2.5 | 27 | 3.1 | 0.0 |
| 1/20/10 4:00 | 2.4 | 890 | 4.4 | 0.2 | 0.7 | 774 | 1.3 | 0.1 | 0.6 | 676 | 1.1 | 0.0 | 0.3 | 530 | 0.5 | 0.0 | 2.2 | 26 | 2.7 | 0.0 |
| 1/20/10 4:30 | 1.8 | 905 | 3.3 | 0.2 | 0.7 | 786 | 1.3 | 0.1 | 0.6 | 685 | 1.1 | 0.0 | 0.3 | 534 | 0.5 | 0.0 | 2.1 | 26 | 2.6 | 0.0 |
| 1/20/10 5:00 | 1.8 | 897 | 3.3 | 0.2 | 0.6 | 778 | 1.1 | 0.0 | 0.5 | 677 | 0.9 | 0.0 | 0.3 | 525 | 0.5 | 0.0 | 3.3 | 26 | 4.2 | 0.0 |
| 1/20/10 5:30 | 1.7 | 897 | 3.1 | 0.2 | 0.6 | 778 | 1.1 | 0.0 | 0.6 | 677 | 1.1 | 0.0 | 0.4 | 525 | 0.7 | 0.0 | 3.8 | 26 | 4.9 | 0.0 |
| 1/20/10 6:00 | 2.2 | 897 | 4.0 | 0.2 | 0.6 | 778 | 1.1 | 0.0 | 1.1 | 677 | 2.0 | 0.1 | 0.3 | 525 | 0.5 | 0.0 | 2.1 | 26 | 2.6 | 0.0 |
| 1/20/10 6:30 | 1.6 | 882 | 2.9 | 0.1 | 0.6 | 766 | 1.1 | 0.0 | 0.7 | 668 | 1.3 | 0.0 | 0.3 | 521 | 0.5 | 0.0 | 1.1 | 26 | 1.3 | 0.0 |
| 1/20/10 7:00 | 3.3 | 882 | 6.1 | 0.3 | 1.8 | 763 | 3.3 | 0.1 | 0.6 | 663 | 1.1 | 0.0 | 0.3 | 512 | 0.5 | 0.0 | 1.9 | 25 | 2.4 | 0.0 |
| 1/20/10 7:30 | 1.7 | 874 | 3.1 | 0.2 | 1.1 | 759 | 2.0 | 0.1 | 1.6 | 662 | 2.9 | 0.1 | 0.3 | 517 | 0.5 | 0.0 | 1.9 | 26 | 2.4 | 0.0 |
| 1/20/10 8:00 | 1.9 | 874 | 3.5 | 0.2 | 0.7 | 759 | 1.3 | 0.1 | 0.7 | 662 | 1.3 | 0.0 | 0.3 | 517 | 0.5 | 0.0 | 1.0 | 26 | 1.2 | 0.0 |
| 1/20/10 8:30 | 2.1 | 874 | 3.9 | 0.2 | 0.7 | 758 | 1.3 | 0.1 | 0.5 | 659 | 0.9 | 0.0 | 0.3 | 512 | 0.5 | 0.0 | 2.1 | 25 | 2.6 | 0.0 |
| 1/20/10 9:00 | 1.6 | 866 | 2.9 | 0.1 | 0.7 | 750 | 1.3 | 0.1 | 0.6 | 651 | 1.1 | 0.0 | 0.2 | 504 | 0.4 | 0.0 | 1.8 | 25 | 2.2 | 0.0 |
| 1/20/10 9:30 | 1.8 | 859 | 3.3 | 0.2 | 0.6 | 743 | 1.1 | 0.0 | 0.7 | 646 | 1.3 | 0.0 | 0.3 | 500 | 0.5 | 0.0 | 1.9 | 25 | 2.4 | 0.0 |
| 1/20/10 10:00 | 1.8 | 859 | 3.3 | 0.2 | 0.7 | 743 | 1.3 | 0.1 | 0.5 | 646 | 0.9 | 0.0 | 0.3 | 500 | 0.5 | 0.0 | 1.3 | 25 | 1.6 | 0.0 |
| 1/20/10 10:30 | 2.0 | 859 | 3.7 | 0.2 | 0.7 | 743 | 1.3 | 0.1 | 0.7 | 646 | 1.3 | 0.0 | 0.4 | 500 | 0.7 | 0.0 | 1.0 | 25 | 1.2 | 0.0 |
| 1/20/10 11:00 | 1.6 | 843 | 2.9 | 0.1 | 0.6 | 730 | 1.1 | 0.0 | 0.5 | 634 | 0.9 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 1.5 | 24 | 1.8 | 0.0 |
| 1/20/10 11:30 | 1.7 | 843 | 3.1 | 0.1 | 0.9 | 730 | 1.6 | 0.1 | 0.6 | 634 | 1.1 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 0.7 | 24 | 0.8 | 0.0 |
| 1/20/10 12:00 | 1.7 | 836 | 3.1 | 0.1 | 0.6 | 725 | 1.1 | 0.0 | 0.8 | 631 | 1.4 | 0.1 | 0.4 | 491 | 0.7 | 0.0 | 1.3 | 24 | 1.6 | 0.0 |
| 1/20/10 12:30 | 1.7 | 843 | 3.1 | 0.1 | 0.5 | 729 | 0.9 | 0.0 | 0.6 | 632 | 1.1 | 0.0 | 0.3 | 487 | 0.5 | 0.0 | 1.5 | 24 | 1.8 | 0.0 |
| 1/20/10 13:00 | 3.0 | 843 | 5.6 | 0.3 | 0.4 | 729 | 0.7 | 0.0 | 0.6 | 632 | 1.1 | 0.0 | 0.3 | 487 | 0.5 | 0.0 | 1.0 | 24 | 1.2 | 0.0 |
| 1/20/10 13:30 | 1.7 | 828 | 3.1 | 0.1 | 0.6 | 717 | 1.1 | 0.0 | 0.6 | 623 | 1.1 | 0.0 | 0.3 | 483 | 0.5 | 0.0 | 1.1 | 24 | 1.3 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/20/10 14:00 | 1.7 | 828 | 3.1 | 0.1 | 1.0 | 717 | 1.8 | 0.1 | 0.7 | 623 | 1.3 | 0.0 | 0.4 | 483 | 0.7 | 0.0 | 1.3 | 24 | 1.6 | 0.0 |
| 1/20/10 14:30 | 1.7 | 828 | 3.1 | 0.1 | 0.6 | 717 | 1.1 | 0.0 | 1.0 | 623 | 1.8 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 0.4 | 24 | 0.4 | 0.0 |
| 1/20/10 15:00 | 2.3 | 821 | 4.2 | 0.2 | 0.6 | 711 | 1.1 | 0.0 | 0.7 | 618 | 1.3 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 0.8 | 24 | 0.9 | 0.0 |
| 1/20/10 15:30 | 1.6 | 821 | 2.9 | 0.1 | 0.7 | 709 | 1.3 | 0.1 | 0.9 | 615 | 1.6 | 0.1 | 0.2 | 475 | 0.4 | 0.0 | 1.0 | 24 | 1.2 | 0.0 |
| 1/20/10 16:00 | 1.9 | 813 | 3.5 | 0.2 | 0.6 | 703 | 1.1 | 0.0 | 0.7 | 610 | 1.3 | 0.0 | 0.4 | 471 | 0.7 | 0.0 | 1.6 | 23 | 2.0 | 0.0 |
| 1/20/10 16:30 | 2.3 | 806 | 4.2 | 0.2 | 0.5 | 698 | 0.9 | 0.0 | 0.6 | 607 | 1.1 | 0.0 | 0.3 | 471 | 0.5 | 0.0 | 1.2 | 23 | 1.4 | 0.0 |
| 1/20/10 17:00 | 1.7 | 806 | 3.1 | 0.1 | 0.5 | 697 | 0.9 | 0.0 | 1.2 | 605 | 2.2 | 0.1 | 0.3 | 467 | 0.5 | 0.0 | 2.2 | 23 | 2.7 | 0.0 |
| 1/20/10 17:30 | 1.8 | 813 | 3.3 | 0.2 | 0.6 | 702 | 1.1 | 0.0 | 0.5 | 608 | 0.9 | 0.0 | 0.5 | 467 | 0.9 | 0.0 | 1.4 | 23 | 1.7 | 0.0 |
| 1/20/10 18:00 | 1.7 | 799 | 3.1 | 0.1 | 0.6 | 690 | 1.1 | 0.0 | 0.6 | 599 | 1.1 | 0.0 | 0.3 | 462 | 0.5 | 0.0 | 1.1 | 23 | 1.3 | 0.0 |
| 1/20/10 18:30 | 1.9 | 791 | 3.5 | 0.2 | 0.9 | 685 | 1.6 | 0.1 | 0.5 | 596 | 0.9 | 0.0 | 0.3 | 462 | 0.5 | 0.0 | 0.6 | 23 | 0.7 | 0.0 |
| 1/20/10 19:00 | 1.7 | 791 | 3.1 | 0.1 | 0.6 | 684 | 1.1 | 0.0 | 0.6 | 594 | 1.1 | 0.0 | 0.4 | 458 | 0.7 | 0.0 | 2.5 | 23 | 3.1 | 0.0 |
| 1/20/10 19:30 | 2.2 | 799 | 4.0 | 0.2 | 1.2 | 688 | 2.2 | 0.1 | 0.5 | 594 | 0.9 | 0.0 | 0.3 | 454 | 0.5 | 0.0 | 0.6 | 23 | 0.7 | 0.0 |
| 1/20/10 20:00 | 1.6 | 791 | 2.9 | 0.1 | 0.7 | 682 | 1.3 | 0.0 | 0.6 | 589 | 1.1 | 0.0 | 0.3 | 450 | 0.5 | 0.0 | 5.0 | 23 | 6.6 | 0.0 |
| 1/20/10 20:30 | 1.7 | 791 | 3.1 | 0.1 | 1.3 | 682 | 2.4 | 0.1 | 0.9 | 589 | 1.6 | 0.1 | 0.4 | 450 | 0.7 | 0.0 | 1.2 | 23 | 1.4 | 0.0 |
| 1/20/10 21:00 | 1.7 | 784 | 3.1 | 0.1 | 0.4 | 675 | 0.7 | 0.0 | 0.6 | 584 | 1.1 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 2.5 | 22 | 3.1 | 0.0 |
| 1/20/10 21:30 | 2.1 | 777 | 3.9 | 0.2 | 0.6 | 672 | 1.1 | 0.0 | 1.2 | 583 | 2.2 | 0.1 | 0.3 | 450 | 0.5 | 0.0 | 0.8 | 23 | 0.9 | 0.0 |
| 1/20/10 22:00 | 1.7 | 777 | 3.1 | 0.1 | 0.6 | 670 | 1.1 | 0.0 | 1.2 | 581 | 2.2 | 0.1 | 0.3 | 447 | 0.5 | 0.0 | 1.2 | 22 | 1.4 | 0.0 |
| 1/20/10 22:30 | 1.7 | 777 | 3.1 | 0.1 | 0.8 | 669 | 1.4 | 0.1 | 1.2 | 579 | 2.2 | 0.1 | 1.2 | 443 | 2.2 | 0.1 | 1.4 | 22 | 1.7 | 0.0 |
| 1/20/10 23:00 | 1.7 | 784 | 3.1 | 0.1 | 0.7 | 674 | 1.3 | 0.0 | 0.7 | 581 | 1.3 | 0.0 | 0.3 | 443 | 0.5 | 0.0 | 1.8 | 22 | 2.2 | 0.0 |
| 1/20/10 23:30 | 1.7 | 777 | 3.1 | 0.1 | 0.7 | 668 | 1.3 | 0.0 | 0.6 | 576 | 1.1 | 0.0 | 0.3 | 439 | 0.5 | 0.0 | 7.6 | 22 | 10.2 | 0.0 |
| 1/21/10 0:00 | 1.7 | 770 | 3.1 | 0.1 | 0.6 | 662 | 1.1 | 0.0 | 0.4 | 571 | 0.7 | 0.0 | 0.3 | 435 | 0.5 | 0.0 | 3.2 | 22 | 4.1 | 0.0 |
| 1/21/10 0:30 | 1.8 | 762 | 3.3 | 0.1 | 0.7 | 656 | 1.3 | 0.0 | 0.6 | 566 | 1.1 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 1.2 | 22 | 1.4 | 0.0 |
| 1/21/10 1:00 | 1.8 | 770 | 3.3 | 0.1 | 0.7 | 661 | 1.3 | 0.0 | 0.8 | 569 | 1.4 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 0.9 | 22 | 1.1 | 0.0 |
| 1/21/10 1:30 | 1.8 | 770 | 3.3 | 0.1 | 0.7 | 662 | 1.3 | 0.0 | 0.6 | 571 | 1.1 | 0.0 | 0.4 | 435 | 0.7 | 0.0 | 1.2 | 22 | 1.4 | 0.0 |
| 1/21/10 2:00 | 1.7 | 755 | 3.1 | 0.1 | 0.7 | 648 | 1.3 | 0.0 | 1.0 | 558 | 1.8 | 0.1 | 0.4 | 423 | 0.7 | 0.0 | 1.6 | 21 | 2.0 | 0.0 |
| 1/21/10 2:30 | 1.7 | 748 | 3.1 | 0.1 | 0.5 | 645 | 0.9 | 0.0 | 0.7 | 558 | 1.3 | 0.0 | 0.3 | 427 | 0.5 | 0.0 | 2.0 | 21 | 2.5 | 0.0 |
| 1/21/10 3:00 | 1.9 | 755 | 3.5 | 0.1 | 0.5 | 648 | 0.9 | 0.0 | 0.7 | 558 | 1.3 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 1.0 | 21 | 1.2 | 0.0 |
| 1/21/10 3:30 | 1.8 | 741 | 3.3 | 0.1 | 0.5 | 639 | 0.9 | 0.0 | 0.6 | 553 | 1.1 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 1.7 | 21 | 2.1 | 0.0 |
| 1/21/10 4:00 | 1.7 | 748 | 3.1 | 0.1 | 0.7 | 642 | 1.3 | 0.0 | 0.9 | 553 | 1.6 | 0.1 | 1.1 | 419 | 2.0 | 0.0 | 1.3 | 21 | 1.6 | 0.0 |
| 1/21/10 4:30 | 1.7 | 741 | 3.1 | 0.1 | 1.5 | 638 | 2.7 | 0.1 | 0.5 | 550 | 0.9 | 0.0 | 0.4 | 419 | 0.7 | 0.0 | 3.3 | 21 | 4.2 | 0.0 |
| 1/21/10 5:00 | 1.8 | 741 | 3.3 | 0.1 | 0.7 | 636 | 1.3 | 0.0 | 0.6 | 548 | 1.1 | 0.0 | 0.5 | 416 | 0.9 | 0.0 | 1.1 | 21 | 1.3 | 0.0 |
| 1/21/10 5:30 | 1.7 | 734 | 3.1 | 0.1 | 0.4 | 632 | 0.7 | 0.0 | 0.6 | 545 | 1.1 | 0.0 | 0.6 | 416 | 1.1 | 0.0 | 2.7 | 21 | 3.4 | 0.0 |
| 1/21/10 6:00 | 1.7 | 727 | 3.1 | 0.1 | 0.7 | 626 | 1.3 | 0.0 | 0.6 | 540 | 1.1 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 1.3 | 21 | 1.6 | 0.0 |
| 1/21/10 6:30 | 1.7 | 734 | 3.1 | 0.1 | 0.5 | 630 | 0.9 | 0.0 | 0.6 | 543 | 1.1 | 0.0 | 0.6 | 412 | 1.1 | 0.0 | 1.2 | 21 | 1.4 | 0.0 |
| 1/21/10 7:00 | 1.9 | 734 | 3.5 | 0.1 | 0.6 | 630 | 1.1 | 0.0 | 0.6 | 543 | 1.1 | 0.0 | 0.6 | 412 | 1.1 | 0.0 | 0.6 | 21 | 0.7 | 0.0 |
| 1/21/10 7:30 | 1.9 | 720 | 3.5 | 0.1 | 0.6 | 620 | 1.1 | 0.0 | 0.6 | 535 | 1.1 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 1.1 | 21 | 1.3 | 0.0 |
| 1/21/10 8:00 | 1.6 | 720 | 2.9 | 0.1 | 0.7 | 620 | 1.3 | 0.0 | 1.4 | 535 | 2.6 | 0.1 | 0.4 | 408 | 0.7 | 0.0 | 0.6 | 21 | 0.7 | 0.0 |
| 1/21/10 8:30 | 2.9 | 720 | 5.4 | 0.2 | 0.6 | 619 | 1.1 | 0.0 | 1.0 | 533 | 1.8 | 0.1 | 0.3 | 404 | 0.5 | 0.0 | 1.3 | 20 | 1.6 | 0.0 |
| 1/21/10 9:00 | 1.7 | 720 | 3.1 | 0.1 | 0.4 | 617 | 0.7 | 0.0 | 0.5 | 531 | 0.9 | 0.0 | 0.3 | 401 | 0.5 | 0.0 | 0.7 | 20 | 0.8 | 0.0 |
| 1/21/10 9:30 | 1.7 | 707 | 3.1 | 0.1 | 0.6 | 607 | 1.1 | 0.0 | 0.6 | 523 | 1.1 | 0.0 | 0.3 | 397 | 0.5 | 0.0 | 1.4 | 20 | 1.7 | 0.0 |
| 1/21/10 10:00 | 2.0 | 707 | 3.7 | 0.1 | 0.5 | 608 | 0.9 | 0.0 | 0.5 | 525 | 0.9 | 0.0 | 0.3 | 401 | 0.5 | 0.0 | 0.3 | 20 | 0.3 | 0.0 |
| 1/21/10 10:30 | 1.5 | 707 | 2.7 | 0.1 | 0.4 | 607 | 0.7 | 0.0 | 0.6 | 523 | 1.1 | 0.0 | 0.3 | 397 | 0.5 | 0.0 | 1.5 | 20 | 1.8 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/21/10 11:00 | 1.7 | 707 | 3.1 | 0.1 | 0.6 | 606 | 1.1 | 0.0 | 0.7 | 521 | 1.3 | 0.0 | 0.3 | 393 | 0.5 | 0.0 | 2.1 | 20 | 2.6 | 0.0 |
| 1/21/10 11:30 | 2.3 | 700 | 4.2 | 0.2 | 0.5 | 600 | 0.9 | 0.0 | 0.6 | 516 | 1.1 | 0.0 | 0.3 | 390 | 0.5 | 0.0 | 0.3 | 20 | 0.3 | 0.0 |
| 1/21/10 12:00 | 1.8 | 693 | 3.3 | 0.1 | 0.6 | 597 | 1.1 | 0.0 | 0.5 | 515 | 0.9 | 0.0 | 0.2 | 393 | 0.4 | 0.0 | 0.9 | 20 | 1.1 | 0.0 |
| 1/21/10 12:30 | 1.8 | 693 | 3.3 | 0.1 | 0.6 | 595 | 1.1 | 0.0 | 0.4 | 513 | 0.7 | 0.0 | 0.3 | 390 | 0.5 | 0.0 | 1.3 | 20 | 1.6 | 0.0 |
| 1/21/10 13:00 | 1.7 | 693 | 3.1 | 0.1 | 0.7 | 594 | 1.3 | 0.0 | 0.5 | 511 | 0.9 | 0.0 | 0.3 | 386 | 0.5 | 0.0 | 0.7 | 19 | 0.8 | 0.0 |
| 1/21/10 13:30 | 2.0 | 693 | 3.7 | 0.1 | 0.7 | 594 | 1.3 | 0.0 | 0.9 | 511 | 1.6 | 0.0 | 0.2 | 386 | 0.4 | 0.0 | 2.4 | 19 | 3.0 | 0.0 |
| 1/21/10 14:00 | 1.6 | 680 | 2.9 | 0.1 | 0.6 | 584 | 1.1 | 0.0 | 0.6 | 503 | 1.1 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 3.0 | 19 | 3.8 | 0.0 |
| 1/21/10 14:30 | 2.2 | 686 | 4.0 | 0.2 | 0.3 | 589 | 0.5 | 0.0 | 0.6 | 506 | 1.1 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 1.6 | 19 | 2.0 | 0.0 |
| 1/21/10 15:00 | 1.7 | 680 | 3.1 | 0.1 | 0.6 | 584 | 1.1 | 0.0 | 1.0 | 503 | 1.8 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 0.5 | 19 | 0.6 | 0.0 |
| 1/21/10 15:30 | 1.7 | 673 | 3.1 | 0.1 | 0.6 | 580 | 1.1 | 0.0 | 0.7 | 501 | 1.3 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 2.0 | 19 | 2.5 | 0.0 |
| 1/21/10 16:00 | 1.7 | 680 | 3.1 | 0.1 | 0.6 | 583 | 1.1 | 0.0 | 0.4 | 501 | 0.7 | 0.0 | 0.3 | 379 | 0.5 | 0.0 | 2.0 | 19 | 2.5 | 0.0 |
| 1/21/10 16:30 | 1.6 | 673 | 2.9 | 0.1 | 0.6 | 577 | 1.1 | 0.0 | 0.4 | 496 | 0.7 | 0.0 | 0.3 | 375 | 0.5 | 0.0 | 1.1 | 19 | 1.3 | 0.0 |
| 1/21/10 17:00 | 1.6 | 673 | 2.9 | 0.1 | 0.4 | 577 | 0.7 | 0.0 | 0.5 | 496 | 0.9 | 0.0 | 0.3 | 375 | 0.5 | 0.0 | 1.4 | 19 | 1.7 | 0.0 |
| 1/21/10 17:30 | 1.7 | 660 | 3.1 | 0.1 | 0.4 | 567 | 0.7 | 0.0 | 0.6 | 489 | 1.1 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 0.8 | 19 | 0.9 | 0.0 |
| 1/21/10 18:00 | 1.5 | 673 | 2.7 | 0.1 | 0.5 | 576 | 0.9 | 0.0 | 0.7 | 494 | 1.3 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 0.9 | 19 | 1.1 | 0.0 |
| 1/21/10 18:30 | 1.7 | 660 | 3.1 | 0.1 | 0.6 | 567 | 1.1 | 0.0 | 0.5 | 489 | 0.9 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 1.9 | 19 | 2.4 | 0.0 |
| 1/21/10 19:00 | 2.2 | 667 | 4.0 | 0.2 | 0.8 | 570 | 1.4 | 0.0 | 0.7 | 490 | 1.3 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 1.6 | 19 | 2.0 | 0.0 |
| 1/21/10 19:30 | 1.7 | 653 | 3.1 | 0.1 | 0.6 | 562 | 1.1 | 0.0 | 0.7 | 484 | 1.3 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 1.4 | 19 | 1.7 | 0.0 |
| 1/21/10 20:00 | 1.7 | 653 | 3.1 | 0.1 | 1.5 | 562 | 2.7 | 0.1 | 0.7 | 484 | 1.3 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 0.7 | 19 | 0.8 | 0.0 |
| 1/21/10 20:30 | 2.1 | 660 | 3.9 | 0.1 | 0.5 | 565 | 0.9 | 0.0 | 0.4 | 485 | 0.7 | 0.0 | 0.3 | 365 | 0.5 | 0.0 | 1.4 | 18 | 1.7 | 0.0 |
| 1/21/10 21:00 | 1.7 | 653 | 3.1 | 0.1 | 0.5 | 560 | 0.9 | 0.0 | 0.6 | 482 | 1.1 | 0.0 | 0.3 | 365 | 0.5 | 0.0 | 0.5 | 18 | 0.6 | 0.0 |
| 1/21/10 21:30 | 1.8 | 647 | 3.3 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 0.6 | 480 | 1.1 | 0.0 | 0.3 | 365 | 0.5 | 0.0 | 0.6 | 18 | 0.7 | 0.0 |
| 1/21/10 22:00 | 1.7 | 653 | 3.1 | 0.1 | 0.5 | 559 | 0.9 | 0.0 | 0.5 | 480 | 0.9 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 1.3 | 18 | 1.6 | 0.0 |
| 1/21/10 22:30 | 1.6 | 641 | 2.9 | 0.1 | 0.3 | 550 | 0.5 | 0.0 | 0.6 | 473 | 1.1 | 0.0 | 0.5 | 358 | 0.9 | 0.0 | 1.2 | 18 | 1.4 | 0.0 |
| 1/21/10 23:00 | 1.7 | 647 | 3.1 | 0.1 | 0.4 | 555 | 0.7 | 0.0 | 1.0 | 477 | 1.8 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 1.1 | 18 | 1.3 | 0.0 |
| 1/21/10 23:30 | 1.7 | 653 | 3.1 | 0.1 | 0.6 | 558 | 1.1 | 0.0 | 0.6 | 478 | 1.1 | 0.0 | 0.4 | 358 | 0.7 | 0.0 | 1.1 | 18 | 1.3 | 0.0 |
| 1/22/10 0:00 | 1.7 | 635 | 3.1 | 0.1 | 0.7 | 544 | 1.3 | 0.0 | 0.6 | 468 | 1.1 | 0.0 | 0.3 | 354 | 0.5 | 0.0 | 1.2 | 18 | 1.4 | 0.0 |
| 1/22/10 0:30 | 1.8 | 635 | 3.3 | 0.1 | 0.4 | 544 | 0.7 | 0.0 | 0.8 | 468 | 1.4 | 0.0 | 0.3 | 354 | 0.5 | 0.0 | 1.1 | 18 | 1.3 | 0.0 |
| 1/22/10 1:00 | 1.6 | 635 | 2.9 | 0.1 | 0.7 | 544 | 1.3 | 0.0 | 0.5 | 468 | 0.9 | 0.0 | 0.3 | 354 | 0.5 | 0.0 | 0.9 | 18 | 1.1 | 0.0 |
| 1/22/10 1:30 | 1.6 | 635 | 2.9 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 0.4 | 466 | 0.7 | 0.0 | 0.4 | 351 | 0.7 | 0.0 | 1.6 | 18 | 2.0 | 0.0 |
| 1/22/10 2:00 | 1.6 | 629 | 2.9 | 0.1 | 0.7 | 539 | 1.3 | 0.0 | 0.5 | 464 | 0.9 | 0.0 | 0.3 | 351 | 0.5 | 0.0 | 0.7 | 18 | 0.8 | 0.0 |
| 1/22/10 2:30 | 1.9 | 629 | 3.5 | 0.1 | 0.7 | 538 | 1.3 | 0.0 | 0.5 | 462 | 0.9 | 0.0 | 0.3 | 347 | 0.5 | 0.0 | 0.3 | 18 | 0.3 | 0.0 |
| 1/22/10 3:00 | 2.0 | 623 | 3.7 | 0.1 | 0.6 | 534 | 1.1 | 0.0 | 0.7 | 459 | 1.3 | 0.0 | 0.5 | 347 | 0.9 | 0.0 | 1.0 | 18 | 1.2 | 0.0 |
| 1/22/10 3:30 | 1.7 | 629 | 3.1 | 0.1 | 1.2 | 538 | 2.2 | 0.1 | 0.4 | 462 | 0.7 | 0.0 | 0.3 | 347 | 0.5 | 0.0 | 0.7 | 18 | 0.8 | 0.0 |
| 1/22/10 4:00 | 1.7 | 623 | 3.1 | 0.1 | 0.6 | 533 | 1.1 | 0.0 | 0.6 | 457 | 1.1 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 0.3 | 17 | 0.3 | 0.0 |
| 1/22/10 4:30 | 2.8 | 623 | 5.2 | 0.2 | 0.4 | 533 | 0.7 | 0.0 | 0.9 | 457 | 1.6 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 0.3 | 17 | 0.3 | 0.0 |
| 1/22/10 5:00 | 1.9 | 617 | 3.5 | 0.1 | 0.5 | 529 | 0.9 | 0.0 | 0.5 | 455 | 0.9 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 0.5 | 17 | 0.6 | 0.0 |
| 1/22/10 5:30 | 1.8 | 617 | 3.3 | 0.1 | 0.3 | 529 | 0.5 | 0.0 | 0.7 | 455 | 1.3 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 0.5 | 17 | 0.6 | 0.0 |
| 1/22/10 6:00 | 1.7 | 617 | 3.1 | 0.1 | 0.3 | 528 | 0.5 | 0.0 | 0.6 | 453 | 1.1 | 0.0 | 0.3 | 341 | 0.5 | 0.0 | 0.6 | 17 | 0.7 | 0.0 |
| 1/22/10 6:30 | 1.5 | 623 | 2.7 | 0.1 | 0.4 | 532 | 0.7 | 0.0 | 0.5 | 455 | 0.9 | 0.0 | 0.5 | 341 | 0.9 | 0.0 | 0.6 | 17 | 0.7 | 0.0 |
| 1/22/10 7:00 | 1.7 | 611 | 3.1 | 0.1 | 0.5 | 523 | 0.9 | 0.0 | 0.4 | 449 | 0.7 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 0.3 | 17 | 0.3 | 0.0 |
| 1/22/10 7:30 | 1.9 | 611 | 3.5 | 0.1 | 0.4 | 523 | 0.7 | 0.0 | 0.5 | 449 | 0.9 | 0.0 | 1.2 | 337 | 2.2 | 0.0 | 0.6 | 17 | 0.7 | 0.0 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/22/10 8:00 | 1.9 | 611 | 3.5 | 0.1 | 0.5 | 523 | 0.9 | 0.0 | 0.6 | 449 | 1.1 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 0.5 | 17 | 0.6 | 0.0 |
| 1/22/10 8:30 | 1.6 | 605 | 2.9 | 0.1 | 0.4 | 519 | 0.7 | 0.0 | 0.6 | 446 | 1.1 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 2.1 | 17 | 2.6 | 0.0 |
| 1/22/10 9:00 | 1.6 | 611 | 2.9 | 0.1 | 0.5 | 523 | 0.9 | 0.0 | 0.7 | 449 | 1.3 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 1.2 | 17 | 1.4 | 0.0 |
| 1/22/10 9:30 | 1.8 | 605 | 3.3 | 0.1 | 0.2 | 518 | 0.4 | 0.0 | 0.7 | 444 | 1.3 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 2.0 | 17 | 2.5 | 0.0 |
| 1/22/10 10:00 | 1.7 | 605 | 3.1 | 0.1 | 0.5 | 518 | 0.9 | 0.0 | 1.0 | 444 | 1.8 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 0.5 | 17 | 0.6 | 0.0 |
| 1/22/10 10:30 | 1.6 | 599 | 2.9 | 0.1 | 0.3 | 514 | 0.5 | 0.0 | 0.4 | 442 | 0.7 | 0.0 | 0.6 | 334 | 1.1 | 0.0 | 1.5 | 17 | 1.8 | 0.0 |
| 1/22/10 11:00 | 1.9 | 605 | 3.5 | 0.1 | 0.5 | 518 | 0.9 | 0.0 | 0.4 | 444 | 0.7 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 1.3 | 17 | 1.6 | 0.0 |
| 1/22/10 11:30 | 1.6 | 605 | 2.9 | 0.1 | 0.3 | 518 | 0.5 | 0.0 | 0.5 | 444 | 0.9 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 1.3 | 17 | 1.6 | 0.0 |
| 1/22/10 12:00 | 1.6 | 605 | 2.9 | 0.1 | 0.3 | 518 | 0.5 | 0.0 | 0.6 | 444 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 2.4 | 17 | 3.0 | 0.0 |
| 1/22/10 12:30 | 1.6 | 605 | 2.9 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 0.5 | 442 | 0.9 | 0.0 | 0.3 | 331 | 0.5 | 0.0 | 1.0 | 17 | 1.2 | 0.0 |
| 1/22/10 13:00 | 1.6 | 605 | 2.9 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 0.5 | 442 | 0.9 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 3.3 | 17 | 4.2 | 0.0 |
| 1/22/10 13:30 | 1.6 | 605 | 2.9 | 0.1 | 0.7 | 518 | 1.3 | 0.0 | 0.6 | 444 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 4.1 | 17 | 5.3 | 0.0 |
| 1/22/10 14:00 | 1.7 | 611 | 3.1 | 0.1 | 0.7 | 521 | 1.3 | 0.0 | 0.8 | 445 | 1.4 | 0.0 | 0.3 | 331 | 0.5 | 0.0 | 6.5 | 17 | 8.7 | 0.0 |
| 1/22/10 14:30 | 1.6 | 605 | 2.9 | 0.1 | 1.1 | 518 | 2.0 | 0.1 | 0.6 | 444 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 6.4 | 17 | 8.5 | 0.0 |
| 1/22/10 15:00 | 1.6 | 605 | 2.9 | 0.1 | 0.5 | 518 | 0.9 | 0.0 | 0.5 | 444 | 0.9 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 9.9 | 17 | 13.6 | 0.0 |
| 1/22/10 15:30 | 1.7 | 617 | 3.1 | 0.1 | 0.5 | 526 | 0.9 | 0.0 | 0.5 | 449 | 0.9 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 22.0 | 17 | 31.7 | 0.0 |
| 1/22/10 16:00 | 1.7 | 611 | 3.1 | 0.1 | 0.6 | 522 | 1.1 | 0.0 | 0.6 | 447 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 30.0 | 17 | 44.0 | 0.0 |
| 1/22/10 16:30 | 2.2 | 617 | 4.0 | 0.1 | 0.5 | 526 | 0.9 | 0.0 | 0.6 | 449 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 28.0 | 17 | 40.9 | 0.0 |
| 1/22/10 17:00 | 1.8 | 629 | 3.3 | 0.1 | 0.5 | 535 | 0.9 | 0.0 | 0.6 | 456 | 1.1 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 34.0 | 17 | 50.3 | 0.0 |
| 1/22/10 17:30 | 1.9 | 635 | 3.5 | 0.1 | 1.1 | 540 | 2.0 | 0.1 | 0.7 | 460 | 1.3 | 0.0 | 0.3 | 341 | 0.5 | 0.0 | 34.0 | 17 | 50.3 | 0.0 |
| 1/22/10 18:00 | 2.0 | 635 | 3.7 | 0.1 | 0.8 | 540 | 1.4 | 0.0 | 0.9 | 460 | 1.6 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 49.0 | 17 | 74.2 | 0.1 |
| 1/22/10 18:30 | 2.0 | 641 | 3.7 | 0.1 | 0.8 | 544 | 1.4 | 0.0 | 1.2 | 463 | 2.2 | 0.1 | 0.5 | 341 | 0.9 | 0.0 | 130.0 | 17 | 209.1 | 0.2 |
| 1/22/10 19:00 | 2.1 | 641 | 3.9 | 0.1 | 1.0 | 543 | 1.8 | 0.1 | 1.1 | 461 | 2.0 | 0.1 | 0.3 | 337 | 0.5 | 0.0 | 41.0 | 17 | 61.4 | 0.1 |
| 1/22/10 19:30 | 2.4 | 647 | 4.4 | 0.2 | 0.8 | 547 | 1.4 | 0.0 | 1.6 | 463 | 2.9 | 0.1 | 0.3 | 337 | 0.5 | 0.0 | 41.0 | 17 | 61.4 | 0.1 |
| 1/22/10 20:00 | 2.7 | 653 | 5.0 | 0.2 | 0.9 | 551 | 1.6 | 0.1 | 1.4 | 464 | 2.6 | 0.1 | 0.7 | 334 | 1.3 | 0.0 | 73.0 | 17 | 113.3 | 0.1 |
| 1/22/10 20:30 | 2.2 | 653 | 4.0 | 0.1 | 1.0 | 551 | 1.8 | 0.1 | 1.5 | 464 | 2.7 | 0.1 | 0.2 | 334 | 0.4 | 0.0 | 48.0 | 17 | 72.6 | 0.1 |
| 1/22/10 21:00 | 2.5 | 653 | 4.6 | 0.2 | 1.1 | 550 | 2.0 | 0.1 | 1.5 | 462 | 2.7 | 0.1 | 0.3 | 331 | 0.5 | 0.0 | 26.0 | 17 | 37.8 | 0.0 |
| 1/22/10 21:30 | 2.9 | 647 | 5.4 | 0.2 | 1.3 | 545 | 2.4 | 0.1 | 2.2 | 459 | 4.0 | 0.1 | 0.3 | 331 | 0.5 | 0.0 | 25.0 | 17 | 36.3 | 0.0 |
| 1/22/10 22:00 | 2.4 | 647 | 4.4 | 0.2 | 1.4 | 544 | 2.6 | 0.1 | 2.8 | 457 | 5.2 | 0.1 | 0.3 | 327 | 0.5 | 0.0 | 55.0 | 17 | 83.9 | 0.1 |
| 1/22/10 22:30 | 2.3 | 635 | 4.2 | 0.2 | 1.6 | 535 | 2.9 | 0.1 | 2.8 | 451 | 5.2 | 0.1 | 0.3 | 324 | 0.5 | 0.0 | 75.0 | 17 | 116.6 | 0.1 |
| 1/22/10 23:00 | 2.8 | 635 | 5.2 | 0.2 | 1.7 | 535 | 3.1 | 0.1 | 2.4 | 451 | 4.4 | 0.1 | 0.4 | 324 | 0.7 | 0.0 | 100.0 | 17 | 158.2 | 0.1 |
| 1/22/10 23:30 | 2.9 | 629 | 5.4 | 0.2 | 2.0 | 530 | 3.7 | 0.1 | 2.4 | 446 | 4.4 | 0.1 | 0.3 | 321 | 0.5 | 0.0 | 69.0 | 16 | 106.7 | 0.1 |
| 1/23/10 0:00 | 2.5 | 629 | 4.6 | 0.2 | 2.8 | 530 | 5.2 | 0.2 | 2.3 | 446 | 4.2 | 0.1 | 0.2 | 321 | 0.4 | 0.0 | 46.0 | 16 | 69.4 | 0.1 |
| 1/23/10 0:30 | 2.3 | 629 | 4.2 | 0.1 | 2.4 | 529 | 4.4 | 0.1 | 2.2 | 444 | 4.0 | 0.1 | 0.3 | 318 | 0.5 | 0.0 | 45.0 | 16 | 67.8 | 0.1 |
| 1/23/10 1:00 | 2.4 | 617 | 4.4 | 0.2 | 2.0 | 521 | 3.7 | 0.1 | 1.9 | 439 | 3.5 | 0.1 | 0.3 | 318 | 0.5 | 0.0 | 45.0 | 16 | 67.8 | 0.1 |
| 1/23/10 1:30 | 2.2 | 605 | 4.0 | 0.1 | 2.1 | 511 | 3.9 | 0.1 | 1.7 | 433 | 3.1 | 0.1 | 0.3 | 314 | 0.5 | 0.0 | 38.0 | 16 | 56.6 | 0.1 |
| 1/23/10 2:00 | 2.4 | 605 | 4.4 | 0.2 | 1.7 | 510 | 3.1 | 0.1 | 2.2 | 431 | 4.0 | 0.1 | 0.2 | 311 | 0.4 | 0.0 | 44.0 | 16 | 66.2 | 0.1 |
| 1/23/10 2:30 | 2.3 | 599 | 4.2 | 0.1 | 1.6 | 506 | 2.9 | 0.1 | 3.0 | 428 | 5.6 | 0.1 | 0.3 | 311 | 0.5 | 0.0 | 32.0 | 16 | 47.2 | 0.0 |
| 1/23/10 3:00 | 2.3 | 605 | 4.2 | 0.1 | 1.3 | 510 | 2.4 | 0.1 | 3.0 | 431 | 5.6 | 0.1 | 0.3 | 311 | 0.5 | 0.0 | 43.0 | 16 | 64.6 | 0.1 |
| 1/23/10 3:30 | 2.4 | 599 | 4.4 | 0.1 | 1.5 | 505 | 2.7 | 0.1 | 2.7 | 427 | 5.0 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 49.0 | 16 | 74.2 | 0.1 |
| 1/23/10 4:00 | 2.5 | 588 | 4.6 | 0.2 | 2.0 | 498 | 3.7 | 0.1 | 2.5 | 422 | 4.6 | 0.1 | 0.3 | 308 | 0.5 | 0.0 | 32.0 | 16 | 47.2 | 0.0 |
| 1/23/10 4:30 | 2.6 | 588 | 4.8 | 0.2 | 2.4 | 498 | 4.4 | 0.1 | 2.2 | 422 | 4.0 | 0.1 | 1.4 | 308 | 2.6 | 0.0 | 30.0 | 16 | 44.0 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/23/10 5:00 | 2.8 | 582 | 5.2 | 0.2 | 2.5 | 493 | 4.6 | 0.1 | 1.9 | 418 | 3.5 | 0.1 | 0.3 | 305 | 0.5 | 0.0 | 57.0 | 16 | 87.1 | 0.1 |
| 1/23/10 5:30 | 3.4 | 582 | 6.3 | 0.2 | 2.0 | 493 | 3.7 | 0.1 | 1.9 | 418 | 3.5 | 0.1 | 0.5 | 305 | 0.9 | 0.0 | 54.0 | 16 | 82.2 | 0.1 |
| 1/23/10 6:00 | 2.8 | 582 | 5.2 | 0.2 | 1.8 | 492 | 3.3 | 0.1 | 1.7 | 416 | 3.1 | 0.1 | 0.3 | 302 | 0.5 | 0.0 | 65.0 | 15 | 100.1 | 0.1 |
| 1/23/10 6:30 | 2.9 | 582 | 5.4 | 0.2 | 1.6 | 492 | 2.9 | 0.1 | 1.8 | 416 | 3.3 | 0.1 | 0.3 | 302 | 0.5 | 0.0 | 48.0 | 15 | 72.6 | 0.1 |
| 1/23/10 7:00 | 2.9 | 576 | 5.4 | 0.2 | 1.5 | 487 | 2.7 | 0.1 | 1.8 | 412 | 3.3 | 0.1 | 0.5 | 299 | 0.9 | 0.0 | 40.0 | 15 | 59.8 | 0.1 |
| 1/23/10 7:30 | 3.0 | 576 | 5.6 | 0.2 | 1.5 | 487 | 2.7 | 0.1 | 2.3 | 412 | 4.2 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 23.0 | 15 | 33.2 | 0.0 |
| 1/23/10 8:00 | 2.8 | 570 | 5.2 | 0.2 | 1.6 | 483 | 2.9 | 0.1 | 1.6 | 409 | 2.9 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 44.0 | 15 | 66.2 | 0.1 |
| 1/23/10 8:30 | 2.7 | 570 | 5.0 | 0.2 | 1.4 | 483 | 2.6 | 0.1 | 1.6 | 409 | 2.9 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 37.0 | 15 | 55.0 | 0.0 |
| 1/23/10 9:00 | 2.6 | 565 | 4.8 | 0.2 | 1.9 | 479 | 3.5 | 0.1 | 2.0 | 407 | 3.7 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 22.0 | 15 | 31.7 | 0.0 |
| 1/23/10 9:30 | 3.0 | 565 | 5.6 | 0.2 | 1.3 | 478 | 2.4 | 0.1 | 2.1 | 405 | 3.9 | 0.1 | 0.3 | 296 | 0.5 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 1/23/10 10:00 | 2.9 | 559 | 5.4 | 0.2 | 1.3 | 474 | 2.4 | 0.1 | 2.1 | 403 | 3.9 | 0.1 | 0.3 | 296 | 0.5 | 0.0 | 25.0 | 15 | 36.3 | 0.0 |
| 1/23/10 10:30 | 3.3 | 565 | 6.1 | 0.2 | 1.8 | 478 | 3.3 | 0.1 | 2.0 | 405 | 3.7 | 0.1 | 0.3 | 296 | 0.5 | 0.0 | 24.0 | 15 | 34.8 | 0.0 |
| 1/23/10 11:00 | 3.1 | 565 | 5.7 | 0.2 | 1.5 | 478 | 2.7 | 0.1 | 1.7 | 405 | 3.1 | 0.1 | 0.3 | 296 | 0.5 | 0.0 | 21.0 | 15 | 30.2 | 0.0 |
| 1/23/10 11:30 | 3.1 | 553 | 5.7 | 0.2 | 1.7 | 469 | 3.1 | 0.1 | 1.6 | 399 | 2.9 | 0.1 | 0.3 | 293 | 0.5 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 1/23/10 12:00 | 2.8 | 553 | 5.2 | 0.2 | 1.8 | 468 | 3.3 | 0.1 | 1.4 | 397 | 2.6 | 0.1 | 0.3 | 290 | 0.5 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 1/23/10 12:30 | 2.5 | 559 | 4.6 | 0.1 | 1.5 | 472 | 2.7 | 0.1 | 2.0 | 399 | 3.7 | 0.1 | 0.2 | 290 | 0.4 | 0.0 | 11.0 | 15 | 15.2 | 0.0 |
| 1/23/10 13:00 | 2.6 | 548 | 4.8 | 0.1 | 1.4 | 465 | 2.6 | 0.1 | 1.3 | 395 | 2.4 | 0.1 | 0.4 | 290 | 0.7 | 0.0 | 25.0 | 15 | 36.3 | 0.0 |
| 1/23/10 13:30 | 2.3 | 548 | 4.2 | 0.1 | 1.1 | 465 | 2.0 | 0.1 | 1.2 | 395 | 2.2 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 44.0 | 15 | 66.2 | 0.1 |
| 1/23/10 14:00 | 2.6 | 548 | 4.8 | 0.1 | 1.3 | 465 | 2.4 | 0.1 | 1.2 | 395 | 2.2 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 35.0 | 15 | 51.9 | 0.0 |
| 1/23/10 14:30 | 2.6 | 542 | 4.8 | 0.1 | 1.2 | 460 | 2.2 | 0.1 | 1.2 | 391 | 2.2 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 26.0 | 15 | 37.8 | 0.0 |
| 1/23/10 15:00 | 2.2 | 548 | 4.0 | 0.1 | 1.1 | 464 | 2.0 | 0.1 | 1.2 | 393 | 2.2 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 20.0 | 15 | 28.6 | 0.0 |
| 1/23/10 15:30 | 2.5 | 542 | 4.6 | 0.1 | 0.8 | 459 | 1.4 | 0.0 | 1.1 | 389 | 2.0 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 29.0 | 15 | 42.5 | 0.0 |
| 1/23/10 16:00 | 2.6 | 542 | 4.8 | 0.1 | 1.0 | 460 | 1.8 | 0.0 | 1.0 | 391 | 1.8 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 18.0 | 15 | 25.6 | 0.0 |
| 1/23/10 16:30 | 2.2 | 537 | 4.0 | 0.1 | 0.8 | 456 | 1.4 | 0.0 | 0.9 | 388 | 1.6 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 17.0 | 15 | 24.1 | 0.0 |
| 1/23/10 17:00 | 2.2 | 537 | 4.0 | 0.1 | 0.9 | 455 | 1.6 | 0.0 | 1.1 | 387 | 2.0 | 0.0 | 0.5 | 283 | 0.9 | 0.0 | 8.5 | 15 | 11.5 | 0.0 |
| 1/23/10 17:30 | 2.6 | 537 | 4.8 | 0.1 | 0.8 | 455 | 1.4 | 0.0 | 1.3 | 387 | 2.4 | 0.1 | 0.3 | 283 | 0.5 | 0.0 | 9.7 | 15 | 13.3 | 0.0 |
| 1/23/10 18:00 | 2.5 | 537 | 4.6 | 0.1 | 0.8 | 455 | 1.4 | 0.0 | 1.5 | 387 | 2.7 | 0.1 | 0.3 | 283 | 0.5 | 0.0 | 8.3 | 15 | 11.3 | 0.0 |
| 1/23/10 18:30 | 2.4 | 531 | 4.4 | 0.1 | 1.1 | 452 | 2.0 | 0.1 | 1.6 | 384 | 2.9 | 0.1 | 0.3 | 283 | 0.5 | 0.0 | 5.8 | 15 | 7.7 | 0.0 |
| 1/23/10 19:00 | 2.5 | 537 | 4.6 | 0.1 | 1.0 | 455 | 1.8 | 0.0 | 1.3 | 387 | 2.4 | 0.1 | 0.3 | 283 | 0.5 | 0.0 | 7.3 | 15 | 9.8 | 0.0 |
| 1/23/10 19:30 | 2.6 | 531 | 4.8 | 0.1 | 1.3 | 452 | 2.4 | 0.1 | 1.3 | 384 | 2.4 | 0.1 | 0.3 | 283 | 0.5 | 0.0 | 19.0 | 15 | 27.1 | 0.0 |
| 1/23/10 20:00 | 2.2 | 526 | 4.0 | 0.1 | 1.1 | 448 | 2.0 | 0.1 | 1.2 | 382 | 2.2 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 15.0 | 15 | 21.1 | 0.0 |
| 1/23/10 20:30 | 2.2 | 531 | 4.0 | 0.1 | 1.3 | 452 | 2.4 | 0.1 | 1.0 | 384 | 1.8 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 28.0 | 15 | 40.9 | 0.0 |
| 1/23/10 21:00 | 2.3 | 526 | 4.2 | 0.1 | 1.6 | 447 | 2.9 | 0.1 | 0.9 | 380 | 1.6 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 1/23/10 21:30 | 1.9 | 526 | 3.5 | 0.1 | 2.6 | 447 | 4.8 | 0.1 | 1.0 | 380 | 1.8 | 0.0 | 0.4 | 280 | 0.7 | 0.0 | 11.0 | 14 | 15.2 | 0.0 |
| 1/23/10 22:00 | 2.0 | 526 | 3.7 | 0.1 | 0.9 | 446 | 1.6 | 0.0 | 0.7 | 379 | 1.3 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 14.0 | 14 | 19.6 | 0.0 |
| 1/23/10 22:30 | 2.0 | 521 | 3.7 | 0.1 | 0.8 | 443 | 1.4 | 0.0 | 0.9 | 378 | 1.6 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 29.0 | 14 | 42.5 | 0.0 |
| 1/23/10 23:00 | 1.8 | 521 | 3.3 | 0.1 | 0.8 | 442 | 1.4 | 0.0 | 0.8 | 376 | 1.4 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 19.0 | 14 | 27.1 | 0.0 |
| 1/23/10 23:30 | 1.9 | 521 | 3.5 | 0.1 | 0.6 | 442 | 1.1 | 0.0 | 0.9 | 376 | 1.6 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 1/24/10 0:00 | 1.8 | 521 | 3.3 | 0.1 | 0.9 | 441 | 1.6 | 0.0 | 0.9 | 375 | 1.6 | 0.0 | 0.5 | 275 | 0.9 | 0.0 | 11.0 | 14 | 15.2 | 0.0 |
| 1/24/10 0:30 | 1.8 | 521 | 3.3 | 0.1 | 0.8 | 441 | 1.4 | 0.0 | 1.0 | 375 | 1.8 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 11.0 | 14 | 15.2 | 0.0 |
| 1/24/10 1:00 | 1.9 | 521 | 3.5 | 0.1 | 0.5 | 441 | 0.9 | 0.0 | 1.2 | 375 | 2.2 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 17.0 | 14 | 24.1 | 0.0 |
| 1/24/10 1:30 | 2.2 | 515 | 4.0 | 0.1 | 0.6 | 438 | 1.1 | 0.0 | 1.0 | 372 | 1.8 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 27.0 | 14 | 39.4 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/24/10 2:00 | 2.0 | 515 | 3.7 | 0.1 | 0.6 | 437 | 1.1 | 0.0 | 1.0 | 371 | 1.8 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 12.0 | 14 | 16.6 | 0.0 |
| 1/24/10 2:30 | 2.3 | 515 | 4.2 | 0.1 | 0.8 | 437 | 1.4 | 0.0 | 1.1 | 371 | 2.0 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 9.3 | 14 | 12.7 | 0.0 |
| 1/24/10 3:00 | 1.9 | 510 | 3.5 | 0.1 | 0.9 | 433 | 1.6 | 0.0 | 1.1 | 368 | 2.0 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 6.6 | 14 | 8.8 | 0.0 |
| 1/24/10 3:30 | 2.0 | 510 | 3.7 | 0.1 | 0.6 | 432 | 1.1 | 0.0 | 1.0 | 367 | 1.8 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 6.4 | 14 | 8.5 | 0.0 |
| 1/24/10 4:00 | 2.1 | 504 | 3.9 | 0.1 | 1.0 | 429 | 1.8 | 0.0 | 0.9 | 365 | 1.6 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 7.4 | 14 | 10.0 | 0.0 |
| 1/24/10 4:30 | 1.9 | 510 | 3.5 | 0.1 | 0.8 | 432 | 1.4 | 0.0 | 0.9 | 367 | 1.6 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 7.8 | 14 | 10.5 | 0.0 |
| 1/24/10 5:00 | 1.9 | 510 | 3.5 | 0.1 | 0.9 | 432 | 1.6 | 0.0 | 0.9 | 367 | 1.6 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 8.7 | 14 | 11.8 | 0.0 |
| 1/24/10 5:30 | 1.8 | 504 | 3.3 | 0.1 | 0.7 | 429 | 1.3 | 0.0 | 0.9 | 365 | 1.6 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 6.5 | 14 | 8.7 | 0.0 |
| 1/24/10 6:00 | 1.8 | 504 | 3.3 | 0.1 | 0.8 | 428 | 1.4 | 0.0 | 1.0 | 363 | 1.8 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 4.9 | 14 | 6.4 | 0.0 |
| 1/24/10 6:30 | 1.8 | 504 | 3.3 | 0.1 | 0.6 | 428 | 1.1 | 0.0 | 0.8 | 363 | 1.4 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 5.2 | 14 | 6.8 | 0.0 |
| 1/24/10 7:00 | 1.8 | 504 | 3.3 | 0.1 | 1.3 | 428 | 2.4 | 0.1 | 0.9 | 363 | 1.6 | 0.0 | 0.2 | 266 | 0.4 | 0.0 | 4.7 | 14 | 6.2 | 0.0 |
| 1/24/10 7:30 | 1.8 | 499 | 3.3 | 0.1 | 0.9 | 424 | 1.6 | 0.0 | 0.7 | 361 | 1.3 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 4.2 | 14 | 5.5 | 0.0 |
| 1/24/10 8:00 | 2.0 | 499 | 3.7 | 0.1 | 0.8 | 423 | 1.4 | 0.0 | 0.7 | 359 | 1.3 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 17.0 | 14 | 24.1 | 0.0 |
| 1/24/10 8:30 | 2.1 | 504 | 3.9 | 0.1 | 0.6 | 428 | 1.1 | 0.0 | 0.8 | 363 | 1.4 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 13.0 | 14 | 18.1 | 0.0 |
| 1/24/10 9:00 | 2.0 | 499 | 3.7 | 0.1 | 0.8 | 424 | 1.4 | 0.0 | 0.9 | 361 | 1.6 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 7.1 | 14 | 9.5 | 0.0 |
| 1/24/10 9:30 | 2.1 | 504 | 3.9 | 0.1 | 0.7 | 428 | 1.3 | 0.0 | 0.8 | 363 | 1.4 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 3.8 | 14 | 4.9 | 0.0 |
| 1/24/10 10:00 | 2.2 | 499 | 4.0 | 0.1 | 1.1 | 425 | 2.0 | 0.0 | 0.7 | 362 | 1.3 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 4.3 | 14 | 5.6 | 0.0 |
| 1/24/10 10:30 | 1.8 | 499 | 3.3 | 0.1 | 0.5 | 425 | 0.9 | 0.0 | 0.7 | 362 | 1.3 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 4.1 | 14 | 5.3 | 0.0 |
| 1/24/10 11:00 | 2.1 | 504 | 3.9 | 0.1 | 0.5 | 429 | 0.9 | 0.0 | 0.6 | 365 | 1.1 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 7.4 | 14 | 10.0 | 0.0 |
| 1/24/10 11:30 | 1.9 | 504 | 3.5 | 0.1 | 0.5 | 429 | 0.9 | 0.0 | 0.7 | 366 | 1.3 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 18.0 | 14 | 25.6 | 0.0 |
| 1/24/10 12:00 | 2.1 | 515 | 3.9 | 0.1 | 0.6 | 438 | 1.1 | 0.0 | 0.8 | 372 | 1.4 | 0.0 | 0.3 | 275 | 0.5 | 0.0 | 77.0 | 14 | 119.9 | 0.1 |
| 1/24/10 12:30 | 2.0 | 521 | 3.7 | 0.1 | 0.6 | 442 | 1.1 | 0.0 | 0.7 | 376 | 1.3 | 0.0 | 0.4 | 277 | 0.7 | 0.0 | 130.0 | 14 | 209.1 | 0.2 |
| 1/24/10 13:00 | 2.0 | 521 | 3.7 | 0.1 | 0.5 | 443 | 0.9 | 0.0 | 0.9 | 378 | 1.6 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 420.0 | 14 | 726.5 | 0.6 |
| 1/24/10 13:30 | 2.1 | 526 | 3.9 | 0.1 | 1.2 | 449 | 2.2 | 0.1 | 0.8 | 384 | 1.4 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 240.0 | 15 | 401.0 | 0.3 |
| 1/24/10 14:00 | 2.1 | 526 | 3.9 | 0.1 | 0.9 | 451 | 1.6 | 0.0 | 0.7 | 387 | 1.3 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 300.0 | 15 | 508.2 | 0.4 |
| 1/24/10 14:30 | 2.0 | 537 | 3.7 | 0.1 | 0.9 | 460 | 1.6 | 0.0 | 1.0 | 396 | 1.8 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 440.0 | 15 | 763.3 | 0.7 |
| 1/24/10 15:00 | 2.1 | 548 | 3.9 | 0.1 | 1.1 | 471 | 2.0 | 0.1 | 1.0 | 406 | 1.8 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 470.0 | 16 | 818.7 | 0.7 |
| 1/24/10 15:30 | 2.0 | 559 | 3.7 | 0.1 | 1.6 | 483 | 2.9 | 0.1 | 1.2 | 420 | 2.2 | 0.1 | 0.3 | 324 | 0.5 | 0.0 | 320.0 | 17 | 544.2 | 0.5 |
| 1/24/10 16:00 | 2.1 | 570 | 3.9 | 0.1 | 0.9 | 495 | 1.6 | 0.0 | 2.5 | 432 | 4.6 | 0.1 | 0.4 | 337 | 0.7 | 0.0 | 250.0 | 17 | 418.7 | 0.4 |
| 1/24/10 16:30 | 2.3 | 576 | 4.2 | 0.1 | 1.2 | 506 | 2.2 | 0.1 | 6.5 | 447 | 12.2 | 0.3 | 0.2 | 358 | 0.4 | 0.0 | 490.0 | 18 | 855.7 | 0.9 |
| 1/24/10 17:00 | 2.1 | 593 | 3.9 | 0.1 | 1.4 | 524 | 2.6 | 0.1 | 9.0 | 466 | 17.0 | 0.4 | 0.3 | 379 | 0.5 | 0.0 | 640.0 | 19 | 1136.4 | 1.2 |
| 1/24/10 17:30 | 2.4 | 605 | 4.4 | 0.2 | 2.2 | 540 | 4.0 | 0.1 | 10.5 | 486 | 19.9 | 0.5 | 0.3 | 404 | 0.5 | 0.0 | 570.0 | 20 | 1004.8 | 1.1 |
| 1/24/10 18:00 | 2.3 | 617 | 4.2 | 0.1 | 4.7 | 557 | 8.8 | 0.3 | 14.7 | 507 | 28.1 | 0.8 | 3.3 | 431 | 6.1 | 0.1 | 410.0 | 22 | 708.1 | 0.9 |
| 1/24/10 18:30 | 2.7 | 623 | 5.0 | 0.2 | 7.2 | 570 | 13.6 | 0.4 | 15.5 | 525 | 29.6 | 0.9 | 0.3 | 458 | 0.5 | 0.0 | 530.0 | 23 | 930.1 | 1.2 |
| 1/24/10 19:00 | 2.6 | 647 | 4.8 | 0.2 | 9.8 | 593 | 18.6 | 0.6 | 14.0 | 547 | 26.7 | 0.8 | 0.4 | 479 | 0.7 | 0.0 | 380.0 | 24 | 653.2 | 0.9 |
| 1/24/10 19:30 | 3.8 | 660 | 7.1 | 0.3 | 11.9 | 611 | 22.6 | 0.8 | 17.1 | 570 | 32.8 | 1.0 | 0.4 | 508 | 0.7 | 0.0 | 240.0 | 25 | 401.0 | 0.6 |
| 1/24/10 20:00 | 2.6 | 686 | 4.8 | 0.2 | 13.0 | 637 | 24.8 | 0.9 | 22.9 | 596 | 44.1 | 1.5 | 0.4 | 534 | 0.7 | 0.0 | 180.0 | 26 | 295.4 | 0.4 |
| 1/24/10 20:30 | 2.9 | 714 | 5.4 | 0.2 | 12.9 | 660 | 24.6 | 0.9 | 24.2 | 615 | 46.7 | 1.6 | 0.5 | 547 | 0.9 | 0.0 | 98.0 | 27 | 154.9 | 0.2 |
| 1/24/10 21:00 | 2.7 | 734 | 5.0 | 0.2 | 15.1 | 678 | 28.9 | 1.1 | 23.4 | 631 | 45.1 | 1.6 | 0.4 | 561 | 0.7 | 0.0 | 170.0 | 28 | 278.0 | 0.4 |
| 1/24/10 21:30 | 3.0 | 762 | 5.6 | 0.2 | 19.1 | 703 | 36.7 | 1.4 | 19.9 | 654 | 38.2 | 1.4 | 0.4 | 579 | 0.7 | 0.0 | 795.0 | 29 | 1430.7 | 2.3 |
| 1/24/10 22:00 | 3.2 | 799 | 5.9 | 0.3 | 19.4 | 731 | 37.3 | 1.5 | 17.0 | 674 | 32.6 | 1.2 | 0.4 | 588 | 0.7 | 0.0 | 350.0 | 29 | 598.6 | 1.0 |
| 1/24/10 22:30 | 3.6 | 813 | 6.7 | 0.3 | 18.4 | 745 | 35.3 | 1.5 | 11.7 | 688 | 22.2 | 0.9 | 0.4 | 602 | 0.7 | 0.0 | 120.0 | 30 | 192.0 | 0.3 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 1/24/10 23:00 | 4.9 | 843 | 9.2 | 0.4 | 16.1 | 767 | 30.8 | 1.3 | 7.1 | 703 | 13.4 | 0.5 | 0.5 | 607 | 0.9 | 0.0 | 120.0 | 30 | 192.0 | 0.3 |
| 1/24/10 23:30 | 7.2 | 859 | 13.6 | 0.7 | 12.9 | 781 | 24.6 | 1.1 | 8.8 | 715 | 16.6 | 0.7 | 0.4 | 617 | 0.7 | 0.0 | 150.0 | 30 | 243.4 | 0.4 |
| 1/25/10 0:00 | 8.2 | 882 | 15.5 | 0.8 | 10.7 | 800 | 20.3 | 0.9 | 22.3 | 730 | 42.9 | 1.8 | 0.5 | 626 | 0.9 | 0.0 | 96.0 | 31 | 151.5 | 0.3 |
| 1/25/10 0:30 | 10.0 | 897 | 19.0 | 1.0 | 5.9 | 812 | 11.1 | 0.5 | 19.7 | 740 | 37.8 | 1.6 | 0.4 | 631 | 0.7 | 0.0 | 86.0 | 31 | 134.8 | 0.2 |
| 1/25/10 1:00 | 10.0 | 921 | 19.0 | 1.0 | 11.2 | 833 | 21.3 | 1.0 | 9.0 | 758 | 17.0 | 0.7 | 0.4 | 646 | 0.7 | 0.0 | 110.0 | 32 | 175.1 | 0.3 |
| 1/25/10 1:30 | 12.0 | 929 | 22.8 | 1.2 | 19.8 | 838 | 38.0 | 1.8 | 5.8 | 761 | 10.9 | 0.5 | 0.4 | 646 | 0.7 | 0.0 | 170.0 | 32 | 278.0 | 0.5 |
| 1/25/10 2:00 | 15.0 | 937 | 28.7 | 1.5 | 14.3 | 847 | 27.3 | 1.3 | 5.8 | 770 | 10.9 | 0.5 | 0.3 | 656 | 0.5 | 0.0 | 64.0 | 32 | 98.5 | 0.2 |
| 1/25/10 2:30 | 15.0 | 937 | 28.7 | 1.5 | 8.1 | 848 | 15.3 | 0.7 | 4.6 | 773 | 8.6 | 0.4 | 0.5 | 661 | 0.9 | 0.0 | 190.0 | 32 | 312.9 | 0.6 |
| 1/25/10 3:00 | 15.0 | 945 | 28.7 | 1.5 | 6.1 | 854 | 11.4 | 0.5 | 4.0 | 777 | 7.4 | 0.3 | 0.6 | 661 | 1.1 | 0.0 | 140.0 | 32 | 226.2 | 0.4 |
| 1/25/10 3:30 | 13.0 | 962 | 24.8 | 1.3 | 5.2 | 866 | 9.7 | 0.5 | 5.0 | 786 | 9.3 | 0.4 | 0.4 | 666 | 0.7 | 0.0 | 100.0 | 33 | 158.2 | 0.3 |
| 1/25/10 4:00 | 10.0 | 978 | 19.0 | 1.0 | 4.4 | 882 | 8.2 | 0.4 | 4.7 | 802 | 8.8 | 0.4 | 0.4 | 681 | 0.7 | 0.0 | 355.0 | 33 | 607.7 | 1.1 |
| 1/25/10 4:30 | 9.5 | 986 | 18.0 | 1.0 | 4.4 | 890 | 8.2 | 0.4 | 3.7 | 808 | 6.9 | 0.3 | 0.4 | 686 | 0.7 | 0.0 | 250.0 | 33 | 418.7 | 0.8 |
| 1/25/10 5:00 | 8.5 | 986 | 16.1 | 0.9 | 4.0 | 898 | 7.4 | 0.4 | 4.8 | 824 | 9.0 | 0.4 | 0.5 | 712 | 0.9 | 0.0 | 78.0 | 35 | 121.5 | 0.2 |
| 1/25/10 5:30 | 12.0 | 1020 | 22.8 | 1.3 | 4.2 | 922 | 7.8 | 0.4 | 4.9 | 840 | 9.2 | 0.4 | 0.5 | 717 | 0.9 | 0.0 | 88.0 | 35 | 138.1 | 0.3 |
| 1/25/10 6:00 | 13.0 | 1020 | 24.8 | 1.4 | 4.4 | 928 | 8.2 | 0.4 | 9.0 | 850 | 17.0 | 0.8 | 0.4 | 733 | 0.7 | 0.0 | 390.0 | 36 | 671.5 | 1.3 |
| 1/25/10 6:30 | 10.0 | 1048 | 19.0 | 1.1 | 5.8 | 950 | 10.9 | 0.6 | 12.1 | 867 | 23.0 | 1.1 | 0.4 | 744 | 0.7 | 0.0 | 490.0 | 36 | 855.7 | 1.7 |
| 1/25/10 7:00 | 7.5 | 1048 | 14.1 | 0.8 | 6.5 | 959 | 12.2 | 0.7 | 7.1 | 884 | 13.4 | 0.7 | 0.5 | 771 | 0.9 | 0.0 | 920.0 | 37 | 1670.7 | 3.5 |
| 1/25/10 7:30 | 6.6 | 1067 | 12.4 | 0.7 | 10.1 | 975 | 19.1 | 1.0 | 4.1 | 898 | 7.6 | 0.4 | 0.4 | 782 | 0.7 | 0.0 | 140.0 | 38 | 226.2 | 0.5 |
| 1/25/10 8:00 | 5.6 | 1086 | 10.5 | 0.6 | 9.5 | 995 | 18.0 | 1.0 | 7.3 | 919 | 13.7 | 0.7 | 0.5 | 804 | 0.9 | 0.0 | 67.0 | 39 | 103.4 | 0.2 |
| 1/25/10 8:30 | 5.7 | 1077 | 10.7 | 0.6 | 5.6 | 989 | 10.5 | 0.6 | 13.6 | 915 | 25.9 | 1.3 | 0.3 | 804 | 0.5 | 0.0 | 45.0 | 39 | 67.8 | 0.1 |
| 1/25/10 9:00 | 6.5 | 1115 | 12.2 | 0.8 | 6.2 | 1021 | 11.6 | 0.7 | 26.2 | 941 | 50.6 | 2.7 | 1.7 | 821 | 3.1 | 0.1 | 150.0 | 40 | 243.4 | 0.5 |
| 1/25/10 9:30 | 5.0 | 1125 | 9.3 | 0.6 | 9.6 | 1029 | 18.2 | 1.1 | 16.2 | 948 | 31.0 | 1.7 | 0.3 | 827 | 0.5 | 0.0 | 60.0 | 40 | 92.0 | 0.2 |
| 1/25/10 10:00 | 5.5 | 1145 | 10.3 | 0.7 | 18.3 | 1048 | 35.1 | 2.1 | 5.5 | 966 | 10.3 | 0.6 | 0.6 | 844 | 1.1 | 0.1 | 56.0 | 41 | 85.5 | 0.2 |
| 1/25/10 10:30 | 6.2 | 1155 | 11.6 | 0.8 | 18.6 | 1055 | 35.7 | 2.1 | 3.4 | 971 | 6.3 | 0.3 | 0.4 | 844 | 0.7 | 0.0 | 45.0 | 41 | 67.8 | 0.2 |
| 1/25/10 11:00 | 6.3 | 1165 | 11.8 | 0.8 | 9.7 | 1062 | 18.4 | 1.1 | 3.7 | 975 | 6.9 | 0.4 | 0.6 | 844 | 1.1 | 0.1 | 48.0 | 41 | 72.6 | 0.2 |
| 1/25/10 11:30 | 8.4 | 1206 | 15.9 | 1.1 | 4.4 | 1089 | 8.2 | 0.5 | 3.2 | 991 | 5.9 | 0.3 | 0.4 | 844 | 0.7 | 0.0 | 50.0 | 41 | 75.8 | 0.2 |
| 1/25/10 12:00 | 8.0 | 1175 | 15.1 | 1.0 | 3.5 | 1070 | 6.5 | 0.4 | 2.7 | 982 | 5.0 | 0.3 | 0.3 | 850 | 0.5 | 0.0 | 41.0 | 41 | 61.4 | 0.1 |
| 1/25/10 12:30 | 6.2 | 1216 | 11.6 | 0.8 | 3.7 | 1096 | 6.9 | 0.4 | 2.4 | 995 | 4.4 | 0.2 | 0.3 | 844 | 0.5 | 0.0 | 33.0 | 41 | 48.7 | 0.1 |
| 1/25/10 13:00 | 7.3 | 1227 | 13.7 | 0.9 | 3.2 | 1102 | 5.9 | 0.4 | 2.8 | 996 | 5.2 | 0.3 | 0.3 | 838 | 0.5 | 0.0 | 38.0 | 40 | 56.6 | 0.1 |
| 1/25/10 13:30 | 9.8 | 1237 | 18.6 | 1.3 | 3.1 | 1109 | 5.7 | 0.4 | 2.2 | 1000 | 4.0 | 0.2 | 0.3 | 838 | 0.5 | 0.0 | 26.0 | 40 | 37.8 | 0.1 |
| 1/25/10 14:00 | 14.0 | 1227 | 26.7 | 1.8 | 2.4 | 1098 | 4.4 | 0.3 | 2.0 | 989 | 3.7 | 0.2 | 0.4 | 827 | 0.7 | 0.0 | 29.0 | 40 | 42.5 | 0.1 |
| 1/25/10 14:30 | 12.0 | 1237 | 22.8 | 1.6 | 2.8 | 1103 | 5.2 | 0.3 | 2.2 | 990 | 4.0 | 0.2 | 0.5 | 821 | 0.9 | 0.0 | 32.0 | 40 | 47.2 | 0.1 |
| 1/25/10 15:00 | 7.5 | 1216 | 14.1 | 1.0 | 2.2 | 1089 | 4.0 | 0.2 | 1.6 | 982 | 2.9 | 0.2 | 0.3 | 821 | 0.5 | 0.0 | 68.0 | 40 | 105.0 | 0.2 |
| 1/25/10 15:30 | 5.0 | 1216 | 9.3 | 0.6 | 2.2 | 1087 | 4.0 | 0.2 | 1.6 | 978 | 2.9 | 0.2 | 0.5 | 815 | 0.9 | 0.0 | 32.0 | 39 | 47.2 | 0.1 |
| 1/25/10 16:00 | 4.6 | 1258 | 8.6 | 0.6 | 2.0 | 1112 | 3.7 | 0.2 | 1.6 | 989 | 2.9 | 0.2 | 0.5 | 804 | 0.9 | 0.0 | 64.0 | 39 | 98.5 | 0.2 |
| 1/25/10 16:30 | 4.7 | 1227 | 8.8 | 0.6 | 1.7 | 1089 | 3.1 | 0.2 | 1.4 | 973 | 2.6 | 0.1 | 0.4 | 798 | 0.7 | 0.0 | 32.0 | 39 | 47.2 | 0.1 |
| 1/25/10 17:00 | 4.8 | 1227 | 9.0 | 0.6 | 1.9 | 1089 | 3.5 | 0.2 | 2.0 | 973 | 3.7 | 0.2 | 0.3 | 798 | 0.5 | 0.0 | 28.0 | 39 | 40.9 | 0.1 |
| 1/25/10 17:30 | 3.7 | 1185 | 6.9 | 0.5 | 1.6 | 1059 | 2.9 | 0.2 | 1.9 | 953 | 3.5 | 0.2 | 0.3 | 793 | 0.5 | 0.0 | 20.0 | 38 | 28.6 | 0.1 |
| 1/25/10 18:00 | 3.3 | 1206 | 6.1 | 0.4 | 2.4 | 1069 | 4.4 | 0.3 | 2.2 | 954 | 4.0 | 0.2 | 0.3 | 782 | 0.5 | 0.0 | 21.0 | 38 | 30.2 | 0.1 |
| 1/25/10 18:30 | 3.4 | 1196 | 6.3 | 0.4 | 1.9 | 1059 | 3.5 | 0.2 | 1.7 | 944 | 3.1 | 0.2 | 0.4 | 771 | 0.7 | 0.0 | 20.0 | 37 | 28.6 | 0.1 |
| 1/25/10 19:00 | 3.2 | 1196 | 5.9 | 0.4 | 2.4 | 1059 | 4.4 | 0.3 | 1.5 | 944 | 2.7 | 0.1 | 0.3 | 771 | 0.5 | 0.0 | 22.0 | 37 | 31.7 | 0.1 |
| 1/25/10 19:30 | 3.2 | 1206 | 5.9 | 0.4 | 2.7 | 1061 | 5.0 | 0.3 | 1.6 | 938 | 2.9 | 0.2 | 0.3 | 754 | 0.5 | 0.0 | 18.0 | 37 | 25.6 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/25/10 20:00 | 2.9 | 1175 | 5.4 | 0.4 | 2.0 | 1042 | 3.7 | 0.2 | 1.1 | 929 | 2.0 | 0.1 | 0.3 | 760 | 0.5 | 0.0 | 21.0 | 37 | 30.2 | 0.1 |
| 1/25/10 20:30 | 3.0 | 1185 | 5.6 | 0.4 | 1.9 | 1047 | 3.5 | 0.2 | 1.5 | 930 | 2.7 | 0.1 | 0.3 | 754 | 0.5 | 0.0 | 16.0 | 37 | 22.6 | 0.0 |
| 1/25/10 21:00 | 2.9 | 1165 | 5.4 | 0.4 | 2.0 | 1028 | 3.7 | 0.2 | 1.7 | 912 | 3.1 | 0.2 | 0.3 | 738 | 0.5 | 0.0 | 17.0 | 36 | 24.1 | 0.0 |
| 1/25/10 21:30 | 3.0 | 1175 | 5.6 | 0.4 | 1.8 | 1033 | 3.3 | 0.2 | 1.3 | 913 | 2.4 | 0.1 | 0.3 | 733 | 0.5 | 0.0 | 16.0 | 36 | 22.6 | 0.0 |
| 1/25/10 22:00 | 3.0 | 1155 | 5.6 | 0.4 | 1.5 | 1019 | 2.7 | 0.2 | 1.3 | 905 | 2.4 | 0.1 | 0.3 | 733 | 0.5 | 0.0 | 18.0 | 36 | 25.6 | 0.1 |
| 1/25/10 22:30 | 2.7 | 1155 | 5.0 | 0.3 | 1.8 | 1016 | 3.3 | 0.2 | 1.2 | 898 | 2.2 | 0.1 | 0.3 | 722 | 0.5 | 0.0 | 17.0 | 35 | 24.1 | 0.0 |
| 1/25/10 23:00 | 3.2 | 1125 | 5.9 | 0.4 | 1.5 | 992 | 2.7 | 0.2 | 1.0 | 880 | 1.8 | 0.1 | 0.6 | 712 | 1.1 | 0.0 | 15.0 | 35 | 21.1 | 0.0 |
| 1/25/10 23:30 | 2.9 | 1125 | 5.4 | 0.3 | 2.2 | 992 | 4.0 | 0.2 | 1.1 | 880 | 2.0 | 0.1 | 0.4 | 712 | 0.7 | 0.0 | 14.0 | 35 | 19.6 | 0.0 |
| 1/26/10 0:00 | 2.9 | 1125 | 5.4 | 0.3 | 1.7 | 990 | 3.1 | 0.2 | 1.0 | 877 | 1.8 | 0.1 | 0.3 | 707 | 0.5 | 0.0 | 13.0 | 34 | 18.1 | 0.0 |
| 1/26/10 0:30 | 2.6 | 1115 | 4.8 | 0.3 | 3.1 | 982 | 5.7 | 0.3 | 1.2 | 870 | 2.2 | 0.1 | 0.3 | 702 | 0.5 | 0.0 | 14.0 | 34 | 19.6 | 0.0 |
| 1/26/10 1:00 | 2.8 | 1096 | 5.2 | 0.3 | 1.9 | 969 | 3.5 | 0.2 | 1.0 | 862 | 1.8 | 0.1 | 0.3 | 702 | 0.5 | 0.0 | 18.0 | 34 | 25.6 | 0.0 |
| 1/26/10 1:30 | 2.4 | 1086 | 4.4 | 0.3 | 1.9 | 957 | 3.5 | 0.2 | 1.0 | 849 | 1.8 | 0.1 | 0.3 | 686 | 0.5 | 0.0 | 14.0 | 33 | 19.6 | 0.0 |
| 1/26/10 2:00 | 2.3 | 1077 | 4.2 | 0.3 | 1.3 | 951 | 2.4 | 0.1 | 1.0 | 845 | 1.8 | 0.1 | 0.4 | 686 | 0.7 | 0.0 | 17.0 | 33 | 24.1 | 0.0 |
| 1/26/10 2:30 | 2.3 | 1077 | 4.2 | 0.3 | 1.3 | 946 | 2.4 | 0.1 | 1.5 | 836 | 2.7 | 0.1 | 0.3 | 671 | 0.5 | 0.0 | 12.0 | 33 | 16.6 | 0.0 |
| 1/26/10 3:00 | 2.5 | 1067 | 4.6 | 0.3 | 1.6 | 939 | 2.9 | 0.2 | 0.9 | 832 | 1.6 | 0.1 | 0.3 | 671 | 0.5 | 0.0 | 10.0 | 33 | 13.7 | 0.0 |
| 1/26/10 3:30 | 3.2 | 1086 | 5.9 | 0.4 | 1.3 | 954 | 2.4 | 0.1 | 0.9 | 843 | 1.6 | 0.1 | 0.3 | 676 | 0.5 | 0.0 | 12.0 | 33 | 16.6 | 0.0 |
| 1/26/10 4:00 | 2.6 | 1067 | 4.8 | 0.3 | 1.6 | 938 | 2.9 | 0.2 | 1.1 | 829 | 2.0 | 0.1 | 0.4 | 666 | 0.7 | 0.0 | 12.0 | 33 | 16.6 | 0.0 |
| 1/26/10 4:30 | 2.2 | 1067 | 4.0 | 0.2 | 1.4 | 938 | 2.6 | 0.1 | 0.9 | 829 | 1.6 | 0.1 | 0.2 | 666 | 0.4 | 0.0 | 9.0 | 33 | 12.3 | 0.0 |
| 1/26/10 5:00 | 2.7 | 1048 | 5.0 | 0.3 | 2.3 | 920 | 4.2 | 0.2 | 1.3 | 812 | 2.4 | 0.1 | 0.3 | 651 | 0.5 | 0.0 | 9.1 | 32 | 12.4 | 0.0 |
| 1/26/10 5:30 | 2.3 | 1048 | 4.2 | 0.2 | 1.5 | 920 | 2.7 | 0.1 | 1.0 | 812 | 1.8 | 0.1 | 0.3 | 651 | 0.5 | 0.0 | 8.7 | 32 | 11.8 | 0.0 |
| 1/26/10 6:00 | 2.6 | 1029 | 4.8 | 0.3 | 1.5 | 907 | 2.7 | 0.1 | 1.7 | 805 | 3.1 | 0.1 | 0.3 | 651 | 0.5 | 0.0 | 10.0 | 32 | 13.7 | 0.0 |
| 1/26/10 6:30 | 2.2 | 1039 | 4.0 | 0.2 | 1.6 | 912 | 2.9 | 0.1 | 0.8 | 806 | 1.4 | 0.1 | 0.4 | 646 | 0.7 | 0.0 | 16.0 | 32 | 22.6 | 0.0 |
| 1/26/10 7:00 | 2.2 | 1029 | 4.0 | 0.2 | 1.5 | 903 | 2.7 | 0.1 | 1.0 | 796 | 1.8 | 0.1 | 0.5 | 636 | 0.9 | 0.0 | 140.0 | 31 | 226.2 | 0.4 |
| 1/26/10 7:30 | 2.2 | 1020 | 4.0 | 0.2 | 1.4 | 898 | 2.6 | 0.1 | 0.8 | 795 | 1.4 | 0.1 | 0.3 | 641 | 0.5 | 0.0 | 71.0 | 31 | 110.0 | 0.2 |
| 1/26/10 8:00 | 2.8 | 1039 | 5.2 | 0.3 | 2.0 | 909 | 3.7 | 0.2 | 0.9 | 799 | 1.6 | 0.1 | 0.3 | 635 | 0.5 | 0.0 | 36.0 | 31 | 53.5 | 0.1 |
| 1/26/10 8:30 | 2.1 | 1012 | 3.9 | 0.2 | 2.0 | 888 | 3.7 | 0.2 | 0.7 | 785 | 1.3 | 0.1 | 0.3 | 629 | 0.5 | 0.0 | 35.0 | 31 | 51.9 | 0.1 |
| 1/26/10 9:00 | 2.3 | 1012 | 4.2 | 0.2 | 1.4 | 886 | 2.6 | 0.1 | 1.3 | 780 | 2.4 | 0.1 | 0.2 | 622 | 0.4 | 0.0 | 43.0 | 31 | 64.6 | 0.1 |
| 1/26/10 9:30 | 2.0 | 1003 | 3.7 | 0.2 | 1.5 | 880 | 2.7 | 0.1 | 2.9 | 777 | 5.4 | 0.2 | 0.3 | 622 | 0.5 | 0.0 | 56.0 | 31 | 85.5 | 0.1 |
| 1/26/10 10:00 | 2.1 | 978 | 3.9 | 0.2 | 1.7 | 860 | 3.1 | 0.2 | 2.8 | 761 | 5.2 | 0.2 | 0.3 | 612 | 0.5 | 0.0 | 32.0 | 30 | 47.2 | 0.1 |
| 1/26/10 10:30 | 2.6 | 978 | 4.8 | 0.3 | 2.2 | 860 | 4.0 | 0.2 | 1.8 | 761 | 3.3 | 0.1 | 0.3 | 612 | 0.5 | 0.0 | 30.0 | 30 | 44.0 | 0.1 |
| 1/26/10 11:00 | 2.0 | 978 | 3.7 | 0.2 | 3.6 | 859 | 6.7 | 0.3 | 1.7 | 758 | 3.1 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 24.0 | 30 | 34.8 | 0.1 |
| 1/26/10 11:30 | 2.3 | 978 | 4.2 | 0.2 | 2.9 | 859 | 5.4 | 0.3 | 1.5 | 758 | 2.7 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 19.0 | 30 | 27.1 | 0.0 |
| 1/26/10 12:00 | 2.0 | 986 | 3.7 | 0.2 | 2.3 | 861 | 4.2 | 0.2 | 1.9 | 756 | 3.5 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 17.0 | 29 | 24.1 | 0.0 |
| 1/26/10 12:30 | 2.1 | 970 | 3.9 | 0.2 | 2.7 | 849 | 5.0 | 0.2 | 1.4 | 746 | 2.6 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 1/26/10 13:00 | 1.9 | 962 | 3.5 | 0.2 | 2.8 | 841 | 5.2 | 0.2 | 1.4 | 740 | 2.6 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 14.0 | 29 | 19.6 | 0.0 |
| 1/26/10 13:30 | 2.1 | 953 | 3.9 | 0.2 | 2.7 | 836 | 5.0 | 0.2 | 1.3 | 737 | 2.4 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 12.0 | 29 | 16.6 | 0.0 |
| 1/26/10 14:00 | 2.0 | 953 | 3.7 | 0.2 | 2.0 | 834 | 3.7 | 0.2 | 1.1 | 734 | 2.0 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 15.0 | 29 | 21.1 | 0.0 |
| 1/26/10 14:30 | 2.7 | 937 | 5.0 | 0.3 | 1.9 | 822 | 3.5 | 0.2 | 1.1 | 725 | 2.0 | 0.1 | 0.2 | 579 | 0.4 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 1/26/10 15:00 | 2.8 | 945 | 5.2 | 0.3 | 2.1 | 826 | 3.9 | 0.2 | 1.0 | 725 | 1.8 | 0.1 | 0.3 | 575 | 0.5 | 0.0 | 23.0 | 28 | 33.2 | 0.1 |
| 1/26/10 15:30 | 3.2 | 945 | 5.9 | 0.3 | 1.7 | 826 | 3.1 | 0.1 | 1.1 | 725 | 2.0 | 0.1 | 0.2 | 575 | 0.4 | 0.0 | 20.0 | 28 | 28.6 | 0.0 |
| 1/26/10 16:00 | 3.5 | 921 | 6.5 | 0.3 | 1.9 | 808 | 3.5 | 0.2 | 0.7 | 713 | 1.3 | 0.1 | 0.5 | 570 | 0.9 | 0.0 | 16.0 | 28 | 22.6 | 0.0 |
| 1/26/10 16:30 | 2.6 | 929 | 4.8 | 0.3 | 1.8 | 813 | 3.3 | 0.2 | 0.8 | 716 | 1.4 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/26/10 17:00 | 2.8 | 921 | 5.2 | 0.3 | 1.7 | 805 | 3.1 | 0.1 | 0.9 | 707 | 1.6 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 16.0 | 28 | 22.6 | 0.0 |
| 1/26/10 17:30 | 2.5 | 897 | 4.6 | 0.2 | 1.9 | 789 | 3.5 | 0.2 | 1.0 | 698 | 1.8 | 0.1 | 0.4 | 561 | 0.7 | 0.0 | 17.0 | 28 | 24.1 | 0.0 |
| 1/26/10 18:00 | 2.4 | 913 | 4.4 | 0.2 | 1.7 | 798 | 3.1 | 0.1 | 1.2 | 702 | 2.2 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 1/26/10 18:30 | 2.6 | 913 | 4.8 | 0.2 | 1.9 | 798 | 3.5 | 0.2 | 1.0 | 702 | 1.8 | 0.1 | 0.4 | 556 | 0.7 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 1/26/10 19:00 | 2.4 | 890 | 4.4 | 0.2 | 2.3 | 781 | 4.2 | 0.2 | 1.0 | 689 | 1.8 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 1/26/10 19:30 | 2.6 | 905 | 4.8 | 0.2 | 2.0 | 790 | 3.7 | 0.2 | 0.9 | 693 | 1.6 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 10.0 | 27 | 13.7 | 0.0 |
| 1/26/10 20:00 | 2.3 | 890 | 4.2 | 0.2 | 1.9 | 779 | 3.5 | 0.2 | 0.9 | 687 | 1.6 | 0.1 | 0.2 | 547 | 0.4 | 0.0 | 10.0 | 27 | 13.7 | 0.0 |
| 1/26/10 20:30 | 1.9 | 897 | 3.5 | 0.2 | 2.3 | 782 | 4.2 | 0.2 | 0.9 | 684 | 1.6 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 14.0 | 27 | 19.6 | 0.0 |
| 1/26/10 21:00 | 1.9 | 890 | 3.5 | 0.2 | 2.1 | 775 | 3.9 | 0.2 | 0.9 | 679 | 1.6 | 0.1 | 0.2 | 534 | 0.4 | 0.0 | 9.2 | 26 | 12.6 | 0.0 |
| 1/26/10 21:30 | 2.0 | 890 | 3.7 | 0.2 | 1.9 | 775 | 3.5 | 0.2 | 0.7 | 679 | 1.3 | 0.0 | 0.3 | 534 | 0.5 | 0.0 | 9.0 | 26 | 12.3 | 0.0 |
| 1/26/10 22:00 | 1.9 | 874 | 3.5 | 0.2 | 2.0 | 763 | 3.7 | 0.2 | 0.7 | 670 | 1.3 | 0.0 | 0.3 | 530 | 0.5 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 1/26/10 22:30 | 2.0 | 882 | 3.7 | 0.2 | 1.8 | 768 | 3.3 | 0.1 | 0.7 | 673 | 1.3 | 0.0 | 0.4 | 530 | 0.7 | 0.0 | 9.6 | 26 | 13.1 | 0.0 |
| 1/26/10 23:00 | 1.9 | 874 | 3.5 | 0.2 | 1.9 | 762 | 3.5 | 0.1 | 0.8 | 667 | 1.4 | 0.1 | 0.4 | 525 | 0.7 | 0.0 | 9.0 | 26 | 12.3 | 0.0 |
| 1/26/10 23:30 | 2.1 | 874 | 3.9 | 0.2 | 1.8 | 762 | 3.3 | 0.1 | 0.7 | 667 | 1.3 | 0.0 | 0.3 | 525 | 0.5 | 0.0 | 6.8 | 26 | 9.1 | 0.0 |
| 1/27/10 0:00 | 2.0 | 866 | 3.7 | 0.2 | 1.9 | 756 | 3.5 | 0.1 | 0.7 | 664 | 1.3 | 0.0 | 0.2 | 525 | 0.4 | 0.0 | 7.8 | 26 | 10.5 | 0.0 |
| 1/27/10 0:30 | 2.0 | 851 | 3.7 | 0.2 | 1.8 | 743 | 3.3 | 0.1 | 0.8 | 653 | 1.4 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 12.0 | 26 | 16.6 | 0.0 |
| 1/27/10 1:00 | 2.1 | 859 | 3.9 | 0.2 | 1.8 | 748 | 3.3 | 0.1 | 0.7 | 656 | 1.3 | 0.0 | 0.3 | 517 | 0.5 | 0.0 | 12.0 | 26 | 16.6 | 0.0 |
| 1/27/10 1:30 | 2.1 | 859 | 3.9 | 0.2 | 2.0 | 746 | 3.7 | 0.2 | 0.7 | 651 | 1.3 | 0.0 | 0.3 | 508 | 0.5 | 0.0 | 7.8 | 25 | 10.5 | 0.0 |
| 1/27/10 2:00 | 2.1 | 843 | 3.9 | 0.2 | 1.9 | 735 | 3.5 | 0.1 | 0.7 | 644 | 1.3 | 0.0 | 0.3 | 508 | 0.5 | 0.0 | 6.8 | 25 | 9.1 | 0.0 |
| 1/27/10 2:30 | 2.2 | 836 | 4.0 | 0.2 | 1.9 | 730 | 3.5 | 0.1 | 0.7 | 641 | 1.3 | 0.0 | 0.4 | 508 | 0.7 | 0.0 | 6.9 | 25 | 9.2 | 0.0 |
| 1/27/10 3:00 | 2.1 | 843 | 3.9 | 0.2 | 1.9 | 734 | 3.5 | 0.1 | 0.6 | 642 | 1.1 | 0.0 | 0.2 | 504 | 0.4 | 0.0 | 10.0 | 25 | 13.7 | 0.0 |
| 1/27/10 3:30 | 1.8 | 836 | 3.3 | 0.2 | 1.7 | 729 | 3.1 | 0.1 | 0.7 | 639 | 1.3 | 0.0 | 0.3 | 504 | 0.5 | 0.0 | 8.7 | 25 | 11.8 | 0.0 |
| 1/27/10 4:00 | 2.0 | 828 | 3.7 | 0.2 | 1.9 | 722 | 3.5 | 0.1 | 0.6 | 633 | 1.1 | 0.0 | 0.2 | 500 | 0.4 | 0.0 | 6.7 | 25 | 9.0 | 0.0 |
| 1/27/10 4:30 | 1.8 | 828 | 3.3 | 0.2 | 1.9 | 721 | 3.5 | 0.1 | 1.4 | 631 | 2.6 | 0.1 | 0.3 | 495 | 0.5 | 0.0 | 6.3 | 25 | 8.4 | 0.0 |
| 1/27/10 5:00 | 2.0 | 836 | 3.7 | 0.2 | 1.8 | 726 | 3.3 | 0.1 | 0.9 | 634 | 1.6 | 0.1 | 0.3 | 495 | 0.5 | 0.0 | 7.9 | 25 | 10.7 | 0.0 |
| 1/27/10 5:30 | 1.9 | 828 | 3.5 | 0.2 | 1.7 | 720 | 3.1 | 0.1 | 0.7 | 628 | 1.3 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 8.3 | 24 | 11.3 | 0.0 |
| 1/27/10 6:00 | 2.1 | 821 | 3.9 | 0.2 | 1.7 | 713 | 3.1 | 0.1 | 0.8 | 623 | 1.4 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 6.5 | 24 | 8.7 | 0.0 |
| 1/27/10 6:30 | 1.8 | 806 | 3.3 | 0.1 | 1.9 | 702 | 3.5 | 0.1 | 0.8 | 614 | 1.4 | 0.0 | 0.3 | 483 | 0.5 | 0.0 | 7.4 | 24 | 10.0 | 0.0 |
| 1/27/10 7:00 | 2.0 | 813 | 3.7 | 0.2 | 1.7 | 708 | 3.1 | 0.1 | 0.6 | 620 | 1.1 | 0.0 | 0.2 | 487 | 0.4 | 0.0 | 7.4 | 24 | 10.0 | 0.0 |
| 1/27/10 7:30 | 2.0 | 813 | 3.7 | 0.2 | 2.0 | 707 | 3.7 | 0.1 | 0.9 | 617 | 1.6 | 0.1 | 0.2 | 483 | 0.4 | 0.0 | 5.3 | 24 | 7.0 | 0.0 |
| 1/27/10 8:00 | 2.0 | 806 | 3.7 | 0.2 | 1.7 | 701 | 3.1 | 0.1 | 0.6 | 612 | 1.1 | 0.0 | 0.2 | 479 | 0.4 | 0.0 | 6.0 | 24 | 8.0 | 0.0 |
| 1/27/10 8:30 | 2.0 | 791 | 3.7 | 0.2 | 1.7 | 689 | 3.1 | 0.1 | 0.6 | 603 | 1.1 | 0.0 | 0.3 | 475 | 0.5 | 0.0 | 4.8 | 24 | 6.3 | 0.0 |
| 1/27/10 9:00 | 2.0 | 799 | 3.7 | 0.2 | 1.9 | 694 | 3.5 | 0.1 | 0.8 | 606 | 1.4 | 0.0 | 0.2 | 475 | 0.4 | 0.0 | 7.4 | 24 | 10.0 | 0.0 |
| 1/27/10 9:30 | 1.8 | 791 | 3.3 | 0.1 | 1.5 | 688 | 2.7 | 0.1 | 0.6 | 601 | 1.1 | 0.0 | 0.3 | 471 | 0.5 | 0.0 | 5.1 | 23 | 6.7 | 0.0 |
| 1/27/10 10:00 | 2.0 | 799 | 3.7 | 0.2 | 1.5 | 693 | 2.7 | 0.1 | 0.9 | 604 | 1.6 | 0.1 | 0.2 | 471 | 0.4 | 0.0 | 6.5 | 23 | 8.7 | 0.0 |
| 1/27/10 10:30 | 2.0 | 784 | 3.7 | 0.2 | 1.8 | 682 | 3.3 | 0.1 | 0.6 | 596 | 1.1 | 0.0 | 0.3 | 467 | 0.5 | 0.0 | 4.9 | 23 | 6.4 | 0.0 |
| 1/27/10 11:00 | 2.0 | 784 | 3.7 | 0.2 | 1.7 | 682 | 3.1 | 0.1 | 0.6 | 596 | 1.1 | 0.0 | 0.2 | 467 | 0.4 | 0.0 | 6.6 | 23 | 8.8 | 0.0 |
| 1/27/10 11:30 | 1.8 | 784 | 3.3 | 0.1 | 2.5 | 681 | 4.5 | 0.2 | 0.7 | 593 | 1.3 | 0.0 | 0.2 | 462 | 0.4 | 0.0 | 5.5 | 23 | 7.3 | 0.0 |
| 1/27/10 12:00 | 1.9 | 770 | 3.5 | 0.2 | 3.2 | 671 | 5.9 | 0.2 | 0.7 | 587 | 1.3 | 0.0 | 0.3 | 462 | 0.5 | 0.0 | 4.0 | 23 | 5.2 | 0.0 |
| 1/27/10 12:30 | 2.0 | 777 | 3.7 | 0.2 | 1.6 | 674 | 2.9 | 0.1 | 1.1 | 588 | 2.0 | 0.1 | 0.2 | 458 | 0.4 | 0.0 | 4.5 | 23 | 5.9 | 0.0 |
| 1/27/10 13:00 | 1.9 | 770 | 3.5 | 0.2 | 1.5 | 669 | 2.7 | 0.1 | 0.5 | 585 | 0.9 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 4.6 | 23 | 6.0 | 0.0 |
| 1/27/10 13:30 | 1.9 | 777 | 3.5 | 0.2 | 2.0 | 672 | 3.7 | 0.1 | 0.6 | 583 | 1.1 | 0.0 | 0.3 | 450 | 0.5 | 0.0 | 4.8 | 23 | 6.3 | 0.0 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/27/10 14:00 | 2.0 | 762 | 3.7 | 0.2 | 1.6 | 663 | 2.9 | 0.1 | 0.7 | 580 | 1.3 | 0.0 | 0.2 | 454 | 0.4 | 0.0 | 5.1 | 23 | 6.7 | 0.0 |
| 1/27/10 14:30 | 2.2 | 762 | 4.0 | 0.2 | 1.6 | 662 | 2.9 | 0.1 | 0.6 | 577 | 1.1 | 0.0 | 0.3 | 450 | 0.5 | 0.0 | 4.3 | 23 | 5.6 | 0.0 |
| 1/27/10 15:00 | 1.8 | 755 | 3.3 | 0.1 | 1.6 | 657 | 2.9 | 0.1 | 0.6 | 575 | 1.1 | 0.0 | 0.2 | 450 | 0.4 | 0.0 | 4.2 | 23 | 5.5 | 0.0 |
| 1/27/10 15:30 | 1.8 | 762 | 3.3 | 0.1 | 1.5 | 661 | 2.7 | 0.1 | 0.8 | 575 | 1.4 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 4.5 | 22 | 5.9 | 0.0 |
| 1/27/10 16:00 | 1.8 | 755 | 3.3 | 0.1 | 1.6 | 656 | 2.9 | 0.1 | 0.8 | 572 | 1.4 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 3.8 | 22 | 4.9 | 0.0 |
| 1/27/10 16:30 | 2.0 | 755 | 3.7 | 0.2 | 1.7 | 656 | 3.1 | 0.1 | 0.6 | 572 | 1.1 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 3.3 | 22 | 4.2 | 0.0 |
| 1/27/10 17:00 | 2.0 | 748 | 3.7 | 0.2 | 1.6 | 650 | 2.9 | 0.1 | 0.7 | 567 | 1.3 | 0.0 | 0.2 | 443 | 0.4 | 0.0 | 2.3 | 22 | 2.9 | 0.0 |
| 1/27/10 17:30 | 2.1 | 741 | 3.9 | 0.2 | 1.7 | 645 | 3.1 | 0.1 | 0.5 | 564 | 0.9 | 0.0 | 0.3 | 443 | 0.5 | 0.0 | 3.4 | 22 | 4.4 | 0.0 |
| 1/27/10 18:00 | 2.0 | 748 | 3.7 | 0.2 | 1.7 | 649 | 3.1 | 0.1 | 0.5 | 565 | 0.9 | 0.0 | 0.2 | 439 | 0.4 | 0.0 | 4.2 | 22 | 5.5 | 0.0 |
| 1/27/10 18:30 | 2.0 | 748 | 3.7 | 0.2 | 1.7 | 647 | 3.1 | 0.1 | 0.6 | 562 | 1.1 | 0.0 | 0.3 | 435 | 0.5 | 0.0 | 3.8 | 22 | 4.9 | 0.0 |
| 1/27/10 19:00 | 1.9 | 741 | 3.5 | 0.1 | 1.9 | 643 | 3.5 | 0.1 | 0.4 | 559 | 0.7 | 0.0 | 0.2 | 435 | 0.4 | 0.0 | 3.1 | 22 | 4.0 | 0.0 |
| 1/27/10 19:30 | 1.8 | 727 | 3.3 | 0.1 | 2.1 | 629 | 3.9 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 4.9 | 21 | 6.4 | 0.0 |
| 1/27/10 20:00 | 1.9 | 741 | 3.5 | 0.1 | 2.3 | 641 | 4.2 | 0.2 | 0.8 | 557 | 1.4 | 0.0 | 0.2 | 431 | 0.4 | 0.0 | 2.7 | 22 | 3.4 | 0.0 |
| 1/27/10 20:30 | 2.0 | 734 | 3.7 | 0.2 | 1.9 | 635 | 3.5 | 0.1 | 0.7 | 552 | 1.3 | 0.0 | 0.6 | 427 | 1.1 | 0.0 | 3.8 | 21 | 4.9 | 0.0 |
| 1/27/10 21:00 | 1.9 | 727 | 3.5 | 0.1 | 2.1 | 629 | 3.9 | 0.1 | 0.6 | 547 | 1.1 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 3.3 | 21 | 4.2 | 0.0 |
| 1/27/10 21:30 | 1.9 | 720 | 3.5 | 0.1 | 1.7 | 625 | 3.1 | 0.1 | 0.7 | 544 | 1.3 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 3.8 | 21 | 4.9 | 0.0 |
| 1/27/10 22:00 | 1.6 | 727 | 2.9 | 0.1 | 1.6 | 629 | 2.9 | 0.1 | 0.5 | 547 | 0.9 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 2.4 | 21 | 3.0 | 0.0 |
| 1/27/10 22:30 | 2.3 | 720 | 4.2 | 0.2 | 1.6 | 623 | 2.9 | 0.1 | 0.5 | 542 | 0.9 | 0.0 | 0.2 | 419 | 0.4 | 0.0 | 3.5 | 21 | 4.5 | 0.0 |
| 1/27/10 23:00 | 1.9 | 720 | 3.5 | 0.1 | 1.7 | 623 | 3.1 | 0.1 | 0.9 | 542 | 1.6 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 2.3 | 21 | 2.9 | 0.0 |
| 1/27/10 23:30 | 1.9 | 720 | 3.5 | 0.1 | 1.7 | 622 | 3.1 | 0.1 | 0.6 | 540 | 1.1 | 0.0 | 0.2 | 416 | 0.4 | 0.0 | 3.1 | 21 | 4.0 | 0.0 |
| 1/28/10 0:00 | 1.7 | 707 | 3.1 | 0.1 | 2.2 | 613 | 4.0 | 0.1 | 0.6 | 534 | 1.1 | 0.0 | 0.5 | 416 | 0.9 | 0.0 | 4.2 | 21 | 5.5 | 0.0 |
| 1/28/10 0:30 | 2.0 | 707 | 3.7 | 0.1 | 1.8 | 612 | 3.3 | 0.1 | 0.5 | 532 | 0.9 | 0.0 | 0.4 | 412 | 0.7 | 0.0 | 2.5 | 21 | 3.1 | 0.0 |
| 1/28/10 1:00 | 3.1 | 707 | 5.7 | 0.2 | 1.5 | 611 | 2.7 | 0.1 | 0.6 | 530 | 1.1 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 2.8 | 21 | 3.5 | 0.0 |
| 1/28/10 1:30 | 1.9 | 707 | 3.5 | 0.1 | 1.7 | 609 | 3.1 | 0.1 | 0.5 | 527 | 0.9 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 3.8 | 20 | 4.9 | 0.0 |
| 1/28/10 2:00 | 1.9 | 700 | 3.5 | 0.1 | 1.9 | 606 | 3.5 | 0.1 | 0.6 | 527 | 1.1 | 0.0 | 0.2 | 408 | 0.4 | 0.0 | 3.7 | 21 | 4.8 | 0.0 |
| 1/28/10 2:30 | 1.9 | 693 | 3.5 | 0.1 | 3.0 | 600 | 5.6 | 0.2 | 0.7 | 522 | 1.3 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 2.4 | 20 | 3.0 | 0.0 |
| 1/28/10 3:00 | 2.0 | 700 | 3.7 | 0.1 | 2.1 | 605 | 3.9 | 0.1 | 0.7 | 525 | 1.3 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 2.2 | 20 | 2.7 | 0.0 |
| 1/28/10 3:30 | 1.9 | 693 | 3.5 | 0.1 | 1.9 | 600 | 3.5 | 0.1 | 0.5 | 522 | 0.9 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 3.0 | 20 | 3.8 | 0.0 |
| 1/28/10 4:00 | 1.7 | 693 | 3.1 | 0.1 | 2.0 | 599 | 3.7 | 0.1 | 0.5 | 520 | 0.9 | 0.0 | 0.3 | 401 | 0.5 | 0.0 | 2.0 | 20 | 2.5 | 0.0 |
| 1/28/10 4:30 | 1.7 | 686 | 3.1 | 0.1 | 1.6 | 593 | 2.9 | 0.1 | 0.5 | 515 | 0.9 | 0.0 | 1.8 | 397 | 3.3 | 0.1 | 2.0 | 20 | 2.5 | 0.0 |
| 1/28/10 5:00 | 1.8 | 693 | 3.3 | 0.1 | 1.6 | 598 | 2.9 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 2.8 | 20 | 3.5 | 0.0 |
| 1/28/10 5:30 | 1.7 | 686 | 3.1 | 0.1 | 1.7 | 593 | 3.1 | 0.1 | 0.5 | 515 | 0.9 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 2.3 | 20 | 2.9 | 0.0 |
| 1/28/10 6:00 | 1.7 | 693 | 3.1 | 0.1 | 2.0 | 598 | 3.7 | 0.1 | 0.6 | 517 | 1.1 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 1.8 | 20 | 2.2 | 0.0 |
| 1/28/10 6:30 | 1.7 | 680 | 3.1 | 0.1 | 1.7 | 588 | 3.1 | 0.1 | 0.6 | 510 | 1.1 | 0.0 | 0.4 | 393 | 0.7 | 0.0 | 2.4 | 20 | 3.0 | 0.0 |
| 1/28/10 7:00 | 1.7 | 680 | 3.1 | 0.1 | 1.7 | 586 | 3.1 | 0.1 | 0.4 | 508 | 0.7 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 2.4 | 20 | 3.0 | 0.0 |
| 1/28/10 7:30 | 1.9 | 673 | 3.5 | 0.1 | 1.7 | 582 | 3.1 | 0.1 | 0.4 | 505 | 0.7 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 2.6 | 20 | 3.3 | 0.0 |
| 1/28/10 8:00 | 1.9 | 667 | 3.5 | 0.1 | 3.1 | 577 | 5.7 | 0.2 | 0.5 | 502 | 0.9 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 2.8 | 20 | 3.5 | 0.0 |
| 1/28/10 8:30 | 1.8 | 667 | 3.3 | 0.1 | 1.6 | 576 | 2.9 | 0.1 | 0.5 | 500 | 0.9 | 0.0 | 0.3 | 386 | 0.5 | 0.0 | 2.7 | 19 | 3.4 | 0.0 |
| 1/28/10 9:00 | 1.9 | 673 | 3.5 | 0.1 | 1.7 | 580 | 3.1 | 0.1 | 0.6 | 501 | 1.1 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 2.7 | 19 | 3.4 | 0.0 |
| 1/28/10 9:30 | 1.8 | 667 | 3.3 | 0.1 | 2.2 | 575 | 4.0 | 0.1 | 0.6 | 498 | 1.1 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 2.1 | 19 | 2.6 | 0.0 |
| 1/28/10 10:00 | 1.7 | 660 | 3.1 | 0.1 | 1.7 | 571 | 3.1 | 0.1 | 0.4 | 495 | 0.7 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 2.7 | 19 | 3.4 | 0.0 |
| 1/28/10 10:30 | 1.9 | 660 | 3.5 | 0.1 | 1.7 | 571 | 3.1 | 0.1 | 0.6 | 495 | 1.1 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 2.3 | 19 | 2.9 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/28/10 11:00 | 1.9 | 660 | 3.5 | 0.1 | 1.7 | 571 | 3.1 | 0.1 | 0.5 | 495 | 0.9 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 1.9 | 19 | 2.4 | 0.0 |
| 1/28/10 11:30 | 1.6 | 660 | 2.9 | 0.1 | 1.9 | 569 | 3.5 | 0.1 | 0.6 | 493 | 1.1 | 0.0 | 0.2 | 379 | 0.4 | 0.0 | 2.0 | 19 | 2.5 | 0.0 |
| 1/28/10 12:00 | 1.8 | 660 | 3.3 | 0.1 | 1.9 | 569 | 3.5 | 0.1 | 0.4 | 493 | 0.7 | 0.0 | 0.5 | 379 | 0.9 | 0.0 | 2.3 | 19 | 2.9 | 0.0 |
| 1/28/10 12:30 | 1.8 | 653 | 3.3 | 0.1 | 1.7 | 564 | 3.1 | 0.1 | 0.4 | 488 | 0.7 | 0.0 | 0.2 | 375 | 0.4 | 0.0 | 1.7 | 19 | 2.1 | 0.0 |
| 1/28/10 13:00 | 1.8 | 653 | 3.3 | 0.1 | 2.1 | 563 | 3.9 | 0.1 | 0.4 | 486 | 0.7 | 0.0 | 0.2 | 372 | 0.4 | 0.0 | 1.7 | 19 | 2.1 | 0.0 |
| 1/28/10 13:30 | 1.6 | 653 | 2.9 | 0.1 | 1.8 | 563 | 3.3 | 0.1 | 0.5 | 486 | 0.9 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 2.0 | 19 | 2.5 | 0.0 |
| 1/28/10 14:00 | 1.8 | 647 | 3.3 | 0.1 | 2.0 | 558 | 3.7 | 0.1 | 0.5 | 484 | 0.9 | 0.0 | 0.2 | 372 | 0.4 | 0.0 | 2.9 | 19 | 3.7 | 0.0 |
| 1/28/10 14:30 | 1.7 | 647 | 3.1 | 0.1 | 2.3 | 558 | 4.2 | 0.1 | 0.4 | 484 | 0.7 | 0.0 | 0.2 | 372 | 0.4 | 0.0 | 2.0 | 19 | 2.5 | 0.0 |
| 1/28/10 15:00 | 1.8 | 647 | 3.3 | 0.1 | 2.0 | 557 | 3.7 | 0.1 | 0.7 | 482 | 1.3 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 1.9 | 19 | 2.4 | 0.0 |
| 1/28/10 15:30 | 1.5 | 641 | 2.7 | 0.1 | 2.0 | 553 | 3.7 | 0.1 | 0.5 | 479 | 0.9 | 0.0 | 0.2 | 368 | 0.4 | 0.0 | 1.9 | 19 | 2.4 | 0.0 |
| 1/28/10 16:00 | 2.0 | 641 | 3.7 | 0.1 | 2.0 | 553 | 3.7 | 0.1 | 0.4 | 479 | 0.7 | 0.0 | 0.2 | 368 | 0.4 | 0.0 | 2.8 | 19 | 3.5 | 0.0 |
| 1/28/10 16:30 | 1.8 | 641 | 3.3 | 0.1 | 2.3 | 552 | 4.2 | 0.1 | 0.4 | 477 | 0.7 | 0.0 | 0.2 | 365 | 0.4 | 0.0 | 3.6 | 18 | 4.6 | 0.0 |
| 1/28/10 17:00 | 1.9 | 635 | 3.5 | 0.1 | 2.2 | 548 | 4.0 | 0.1 | 0.9 | 475 | 1.6 | 0.0 | 0.2 | 365 | 0.4 | 0.0 | 2.5 | 18 | 3.1 | 0.0 |
| 1/28/10 17:30 | 2.2 | 641 | 4.0 | 0.1 | 2.4 | 551 | 4.4 | 0.1 | 0.4 | 475 | 0.7 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 3.6 | 18 | 4.6 | 0.0 |
| 1/28/10 18:00 | 1.6 | 635 | 2.9 | 0.1 | 2.3 | 547 | 4.2 | 0.1 | 1.1 | 473 | 2.0 | 0.1 | 0.2 | 361 | 0.4 | 0.0 | 2.4 | 18 | 3.0 | 0.0 |
| 1/28/10 18:30 | 1.7 | 635 | 3.1 | 0.1 | 2.3 | 547 | 4.2 | 0.1 | 0.4 | 473 | 0.7 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 2.2 | 18 | 2.7 | 0.0 |
| 1/28/10 19:00 | 1.7 | 635 | 3.1 | 0.1 | 2.5 | 547 | 4.6 | 0.1 | 0.4 | 473 | 0.7 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 2.0 | 18 | 2.5 | 0.0 |
| 1/28/10 19:30 | 1.6 | 629 | 2.9 | 0.1 | 2.4 | 542 | 4.4 | 0.1 | 0.4 | 468 | 0.7 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 2.2 | 18 | 2.7 | 0.0 |
| 1/28/10 20:00 | 1.9 | 623 | 3.5 | 0.1 | 2.3 | 537 | 4.2 | 0.1 | 0.4 | 466 | 0.7 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 2.7 | 18 | 3.4 | 0.0 |
| 1/28/10 20:30 | 1.9 | 629 | 3.5 | 0.1 | 2.4 | 540 | 4.4 | 0.1 | 0.6 | 466 | 1.1 | 0.0 | 0.3 | 354 | 0.5 | 0.0 | 1.9 | 18 | 2.4 | 0.0 |
| 1/28/10 21:00 | 1.6 | 623 | 2.9 | 0.1 | 2.4 | 536 | 4.4 | 0.1 | 0.4 | 464 | 0.7 | 0.0 | 0.2 | 354 | 0.4 | 0.0 | 2.1 | 18 | 2.6 | 0.0 |
| 1/28/10 21:30 | 1.6 | 629 | 2.9 | 0.1 | 2.5 | 540 | 4.6 | 0.1 | 0.4 | 466 | 0.7 | 0.0 | 0.2 | 354 | 0.4 | 0.0 | 1.6 | 18 | 2.0 | 0.0 |
| 1/28/10 22:00 | 1.7 | 623 | 3.1 | 0.1 | 2.6 | 535 | 4.8 | 0.1 | 0.6 | 461 | 1.1 | 0.0 | 0.3 | 351 | 0.5 | 0.0 | 2.4 | 18 | 3.0 | 0.0 |
| 1/28/10 22:30 | 1.9 | 611 | 3.5 | 0.1 | 2.8 | 526 | 5.2 | 0.2 | 0.6 | 455 | 1.1 | 0.0 | 0.2 | 347 | 0.4 | 0.0 | 2.1 | 18 | 2.6 | 0.0 |
| 1/28/10 23:00 | 1.8 | 617 | 3.3 | 0.1 | 2.8 | 530 | 5.2 | 0.2 | 1.3 | 457 | 2.4 | 0.1 | 0.3 | 347 | 0.5 | 0.0 | 1.4 | 18 | 1.7 | 0.0 |
| 1/28/10 23:30 | 1.7 | 617 | 3.1 | 0.1 | 2.4 | 530 | 4.4 | 0.1 | 0.6 | 457 | 1.1 | 0.0 | 0.3 | 347 | 0.5 | 0.0 | 1.9 | 18 | 2.4 | 0.0 |
| 1/29/10 0:00 | 1.9 | 617 | 3.5 | 0.1 | 2.5 | 530 | 4.6 | 0.1 | 0.5 | 457 | 0.9 | 0.0 | 0.3 | 347 | 0.5 | 0.0 | 3.1 | 18 | 4.0 | 0.0 |
| 1/29/10 0:30 | 1.8 | 611 | 3.3 | 0.1 | 2.5 | 525 | 4.6 | 0.1 | 0.9 | 453 | 1.6 | 0.0 | 0.2 | 344 | 0.4 | 0.0 | 2.3 | 17 | 2.9 | 0.0 |
| 1/29/10 1:00 | 1.8 | 605 | 3.3 | 0.1 | 2.5 | 521 | 4.6 | 0.1 | 0.6 | 450 | 1.1 | 0.0 | 0.5 | 344 | 0.9 | 0.0 | 1.7 | 17 | 2.1 | 0.0 |
| 1/29/10 1:30 | 1.9 | 611 | 3.5 | 0.1 | 2.7 | 524 | 5.0 | 0.1 | 0.6 | 451 | 1.1 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 1.9 | 17 | 2.4 | 0.0 |
| 1/29/10 2:00 | 1.7 | 605 | 3.1 | 0.1 | 2.7 | 520 | 5.0 | 0.1 | 0.5 | 448 | 0.9 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 1.4 | 17 | 1.7 | 0.0 |
| 1/29/10 2:30 | 1.9 | 605 | 3.5 | 0.1 | 2.7 | 520 | 5.0 | 0.1 | 0.5 | 448 | 0.9 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 1.6 | 17 | 2.0 | 0.0 |
| 1/29/10 3:00 | 1.7 | 605 | 3.1 | 0.1 | 2.5 | 519 | 4.6 | 0.1 | 0.5 | 446 | 0.9 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 2.5 | 17 | 3.1 | 0.0 |
| 1/29/10 3:30 | 1.8 | 599 | 3.3 | 0.1 | 2.5 | 515 | 4.6 | 0.1 | 0.6 | 444 | 1.1 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 1.1 | 17 | 1.3 | 0.0 |
| 1/29/10 4:00 | 1.9 | 605 | 3.5 | 0.1 | 2.4 | 519 | 4.4 | 0.1 | 0.5 | 446 | 0.9 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 2.8 | 17 | 3.5 | 0.0 |
| 1/29/10 4:30 | 1.9 | 605 | 3.5 | 0.1 | 2.9 | 518 | 5.4 | 0.2 | 0.4 | 444 | 0.7 | 0.0 | 0.5 | 334 | 0.9 | 0.0 | 1.4 | 17 | 1.7 | 0.0 |
| 1/29/10 5:00 | 1.9 | 593 | 3.5 | 0.1 | 3.6 | 510 | 6.7 | 0.2 | 0.4 | 440 | 0.7 | 0.0 | 0.2 | 334 | 0.4 | 0.0 | 1.3 | 17 | 1.6 | 0.0 |
| 1/29/10 5:30 | 1.6 | 593 | 2.9 | 0.1 | 2.7 | 510 | 5.0 | 0.1 | 0.5 | 440 | 0.9 | 0.0 | 0.2 | 334 | 0.4 | 0.0 | 1.6 | 17 | 2.0 | 0.0 |
| 1/29/10 6:00 | 1.6 | 593 | 2.9 | 0.1 | 2.6 | 510 | 4.8 | 0.1 | 0.6 | 440 | 1.1 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 4.2 | 17 | 5.5 | 0.0 |
| 1/29/10 6:30 | 1.8 | 588 | 3.3 | 0.1 | 2.8 | 506 | 5.2 | 0.1 | 0.5 | 437 | 0.9 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 1.4 | 17 | 1.7 | 0.0 |
| 1/29/10 7:00 | 1.9 | 588 | 3.5 | 0.1 | 2.5 | 505 | 4.6 | 0.1 | 0.5 | 435 | 0.9 | 0.0 | 0.3 | 331 | 0.5 | 0.0 | 1.4 | 17 | 1.7 | 0.0 |
| 1/29/10 7:30 | 2.5 | 588 | 4.6 | 0.2 | 2.9 | 505 | 5.4 | 0.2 | 0.4 | 435 | 0.7 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 1.7 | 17 | 2.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/29/10 8:00 | 1.7 | 582 | 3.1 | 0.1 | 2.7 | 501 | 5.0 | 0.1 | 0.6 | 433 | 1.1 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 2.4 | 17 | 3.0 | 0.0 |
| 1/29/10 8:30 | 1.8 | 582 | 3.3 | 0.1 | 2.7 | 500 | 5.0 | 0.1 | 0.4 | 431 | 0.7 | 0.0 | 0.3 | 327 | 0.5 | 0.0 | 2.1 | 17 | 2.6 | 0.0 |
| 1/29/10 9:00 | 1.7 | 576 | 3.1 | 0.1 | 2.7 | 496 | 5.0 | 0.1 | 0.4 | 429 | 0.7 | 0.0 | 0.2 | 327 | 0.4 | 0.0 | 1.7 | 17 | 2.1 | 0.0 |
| 1/29/10 9:30 | 1.7 | 576 | 3.1 | 0.1 | 2.8 | 495 | 5.2 | 0.1 | 0.5 | 427 | 0.9 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 1.5 | 17 | 1.8 | 0.0 |
| 1/29/10 10:00 | 1.8 | 576 | 3.3 | 0.1 | 2.8 | 495 | 5.2 | 0.1 | 0.4 | 427 | 0.7 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 0.8 | 17 | 0.9 | 0.0 |
| 1/29/10 10:30 | 1.7 | 582 | 3.1 | 0.1 | 2.8 | 499 | 5.2 | 0.1 | 0.5 | 429 | 0.9 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 1.1 | 17 | 1.3 | 0.0 |
| 1/29/10 11:00 | 1.6 | 570 | 2.9 | 0.1 | 3.4 | 491 | 6.3 | 0.2 | 0.4 | 424 | 0.7 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 0.9 | 17 | 1.1 | 0.0 |
| 1/29/10 11:30 | 1.8 | 576 | 3.3 | 0.1 | 3.0 | 495 | 5.6 | 0.2 | 0.4 | 427 | 0.7 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 2.8 | 17 | 3.5 | 0.0 |
| 1/29/10 12:00 | 1.7 | 570 | 3.1 | 0.1 | 2.7 | 491 | 5.0 | 0.1 | 0.5 | 424 | 0.9 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 1.3 | 17 | 1.6 | 0.0 |
| 1/29/10 12:30 | 1.7 | 576 | 3.1 | 0.1 | 2.8 | 495 | 5.2 | 0.1 | 0.5 | 427 | 0.9 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 2.4 | 17 | 3.0 | 0.0 |
| 1/29/10 13:00 | 2.0 | 570 | 3.7 | 0.1 | 2.8 | 491 | 5.2 | 0.1 | 0.4 | 424 | 0.7 | 0.0 | 1.2 | 324 | 2.2 | 0.0 | 4.4 | 17 | 5.7 | 0.0 |
| 1/29/10 13:30 | 1.9 | 570 | 3.5 | 0.1 | 3.0 | 491 | 5.6 | 0.2 | 0.4 | 424 | 0.7 | 0.0 | 0.3 | 324 | 0.5 | 0.0 | 15.0 | 17 | 21.1 | 0.0 |
| 1/29/10 14:00 | 2.1 | 570 | 3.9 | 0.1 | 3.0 | 490 | 5.6 | 0.2 | 0.4 | 422 | 0.7 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 1/29/10 14:30 | 1.7 | 570 | 3.1 | 0.1 | 3.0 | 490 | 5.6 | 0.2 | 0.4 | 422 | 0.7 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 5.3 | 16 | 7.0 | 0.0 |
| 1/29/10 15:00 | 1.7 | 565 | 3.1 | 0.1 | 3.0 | 486 | 5.6 | 0.2 | 0.4 | 420 | 0.7 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 6.1 | 16 | 8.1 | 0.0 |
| 1/29/10 15:30 | 1.8 | 559 | 3.3 | 0.1 | 2.9 | 482 | 5.4 | 0.1 | 0.4 | 418 | 0.7 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 4.7 | 16 | 6.2 | 0.0 |
| 1/29/10 16:00 | 1.5 | 559 | 2.7 | 0.1 | 3.1 | 481 | 5.7 | 0.2 | 0.6 | 416 | 1.1 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 7.8 | 16 | 10.5 | 0.0 |
| 1/29/10 16:30 | 1.8 | 565 | 3.3 | 0.1 | 3.1 | 485 | 5.7 | 0.2 | 0.4 | 418 | 0.7 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 3.9 | 16 | 5.0 | 0.0 |
| 1/29/10 17:00 | 1.7 | 559 | 3.1 | 0.1 | 3.0 | 481 | 5.6 | 0.2 | 0.6 | 416 | 1.1 | 0.0 | 1.0 | 318 | 1.8 | 0.0 | 2.5 | 16 | 3.1 | 0.0 |
| 1/29/10 17:30 | 1.7 | 559 | 3.1 | 0.1 | 3.1 | 481 | 5.7 | 0.2 | 0.7 | 416 | 1.3 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 2.5 | 16 | 3.1 | 0.0 |
| 1/29/10 18:00 | 2.1 | 559 | 3.9 | 0.1 | 3.0 | 480 | 5.6 | 0.1 | 0.7 | 414 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 1.7 | 16 | 2.1 | 0.0 |
| 1/29/10 18:30 | 1.7 | 559 | 3.1 | 0.1 | 3.5 | 480 | 6.5 | 0.2 | 0.6 | 414 | 1.1 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 2.0 | 16 | 2.5 | 0.0 |
| 1/29/10 19:00 | 1.5 | 559 | 2.7 | 0.1 | 3.2 | 480 | 5.9 | 0.2 | 0.6 | 414 | 1.1 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 2.2 | 16 | 2.7 | 0.0 |
| 1/29/10 19:30 | 1.9 | 559 | 3.5 | 0.1 | 3.6 | 480 | 6.7 | 0.2 | 0.6 | 414 | 1.1 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 3.2 | 16 | 4.1 | 0.0 |
| 1/29/10 20:00 | 1.7 | 553 | 3.1 | 0.1 | 3.2 | 475 | 5.9 | 0.2 | 0.6 | 410 | 1.1 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 3.6 | 16 | 4.6 | 0.0 |
| 1/29/10 20:30 | 1.9 | 553 | 3.5 | 0.1 | 3.4 | 475 | 6.3 | 0.2 | 0.5 | 410 | 0.9 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 3.9 | 16 | 5.0 | 0.0 |
| 1/29/10 21:00 | 2.0 | 553 | 3.7 | 0.1 | 3.5 | 475 | 6.5 | 0.2 | 0.6 | 410 | 1.1 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 6.2 | 16 | 8.3 | 0.0 |
| 1/29/10 21:30 | 1.7 | 553 | 3.1 | 0.1 | 3.3 | 475 | 6.1 | 0.2 | 0.6 | 410 | 1.1 | 0.0 | 0.5 | 311 | 0.9 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 1/29/10 22:00 | 1.6 | 548 | 2.9 | 0.1 | 3.5 | 472 | 6.5 | 0.2 | 1.0 | 408 | 1.8 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 20.0 | 16 | 28.6 | 0.0 |
| 1/29/10 22:30 | 2.5 | 553 | 4.6 | 0.1 | 3.3 | 474 | 6.1 | 0.2 | 0.5 | 408 | 0.9 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 7.0 | 16 | 9.4 | 0.0 |
| 1/29/10 23:00 | 1.7 | 548 | 3.1 | 0.1 | 3.5 | 471 | 6.5 | 0.2 | 0.6 | 406 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 5.0 | 16 | 6.6 | 0.0 |
| 1/29/10 23:30 | 1.9 | 553 | 3.5 | 0.1 | 3.3 | 474 | 6.1 | 0.2 | 0.5 | 408 | 0.9 | 0.0 | 1.0 | 308 | 1.8 | 0.0 | 10.0 | 16 | 13.7 | 0.0 |
| 1/30/10 0:00 | 1.6 | 553 | 2.9 | 0.1 | 3.3 | 474 | 6.1 | 0.2 | 0.6 | 408 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 5.1 | 16 | 6.7 | 0.0 |
| 1/30/10 0:30 | 1.9 | 553 | 3.5 | 0.1 | 3.5 | 474 | 6.5 | 0.2 | 0.4 | 408 | 0.7 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 4.6 | 16 | 6.0 | 0.0 |
| 1/30/10 1:00 | 1.9 | 548 | 3.5 | 0.1 | 5.0 | 471 | 9.3 | 0.2 | 0.7 | 406 | 1.3 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 3.1 | 16 | 4.0 | 0.0 |
| 1/30/10 1:30 | 1.7 | 548 | 3.1 | 0.1 | 3.3 | 471 | 6.1 | 0.2 | 0.7 | 406 | 1.3 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 4.8 | 16 | 6.3 | 0.0 |
| 1/30/10 2:00 | 1.9 | 553 | 3.5 | 0.1 | 3.5 | 474 | 6.5 | 0.2 | 0.8 | 408 | 1.4 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 14.0 | 16 | 19.6 | 0.0 |
| 1/30/10 2:30 | 2.1 | 553 | 3.9 | 0.1 | 3.6 | 474 | 6.7 | 0.2 | 0.7 | 408 | 1.3 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 42.0 | 16 | 63.0 | 0.1 |
| 1/30/10 3:00 | 1.9 | 553 | 3.5 | 0.1 | 4.4 | 474 | 8.2 | 0.2 | 0.7 | 408 | 1.3 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 35.0 | 16 | 51.9 | 0.0 |
| 1/30/10 3:30 | 2.0 | 548 | 3.7 | 0.1 | 3.9 | 471 | 7.3 | 0.2 | 0.7 | 406 | 1.3 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 38.0 | 16 | 56.6 | 0.1 |
| 1/30/10 4:00 | 1.9 | 548 | 3.5 | 0.1 | 3.6 | 471 | 6.7 | 0.2 | 0.7 | 406 | 1.3 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 44.0 | 16 | 66.2 | 0.1 |
| 1/30/10 4:30 | 1.6 | 553 | 2.9 | 0.1 | 3.8 | 474 | 7.1 | 0.2 | 0.7 | 408 | 1.3 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 86.0 | 16 | 134.8 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/30/10 5:00 | 2.0 | 548 | 3.7 | 0.1 | 4.0 | 471 | 7.4 | 0.2 | 0.5 | 406 | 0.9 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 100.0 | 16 | 158.2 | 0.1 |
| 1/30/10 5:30 | 2.5 | 542 | 4.6 | 0.1 | 3.6 | 467 | 6.7 | 0.2 | 0.6 | 403 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 74.0 | 16 | 114.9 | 0.1 |
| 1/30/10 6:00 | 1.9 | 548 | 3.5 | 0.1 | 3.6 | 471 | 6.7 | 0.2 | 0.9 | 406 | 1.6 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 31.0 | 16 | 45.6 | 0.0 |
| 1/30/10 6:30 | 1.9 | 548 | 3.5 | 0.1 | 3.7 | 471 | 6.9 | 0.2 | 1.4 | 406 | 2.6 | 0.1 | 0.7 | 308 | 1.3 | 0.0 | 18.0 | 16 | 25.6 | 0.0 |
| 1/30/10 7:00 | 2.2 | 548 | 4.0 | 0.1 | 4.0 | 471 | 7.4 | 0.2 | 1.5 | 406 | 2.7 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 14.0 | 16 | 19.6 | 0.0 |
| 1/30/10 7:30 | 2.0 | 542 | 3.7 | 0.1 | 3.7 | 467 | 6.9 | 0.2 | 1.6 | 403 | 2.9 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 10.0 | 16 | 13.7 | 0.0 |
| 1/30/10 8:00 | 1.9 | 548 | 3.5 | 0.1 | 4.1 | 470 | 7.6 | 0.2 | 1.9 | 404 | 3.5 | 0.1 | 0.4 | 305 | 0.7 | 0.0 | 7.9 | 16 | 10.7 | 0.0 |
| 1/30/10 8:30 | 3.1 | 548 | 5.7 | 0.2 | 4.3 | 470 | 8.0 | 0.2 | 3.3 | 404 | 6.1 | 0.1 | 0.4 | 305 | 0.7 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 1/30/10 9:00 | 1.8 | 542 | 3.3 | 0.1 | 4.1 | 466 | 7.6 | 0.2 | 3.0 | 402 | 5.6 | 0.1 | 0.3 | 305 | 0.5 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 1/30/10 9:30 | 2.1 | 542 | 3.9 | 0.1 | 4.4 | 465 | 8.2 | 0.2 | 2.7 | 400 | 5.0 | 0.1 | 0.2 | 302 | 0.4 | 0.0 | 27.0 | 15 | 39.4 | 0.0 |
| 1/30/10 10:00 | 2.1 | 537 | 3.9 | 0.1 | 4.9 | 461 | 9.2 | 0.2 | 1.9 | 397 | 3.5 | 0.1 | 0.3 | 302 | 0.5 | 0.0 | 25.0 | 15 | 36.3 | 0.0 |
| 1/30/10 10:30 | 2.0 | 542 | 3.7 | 0.1 | 5.0 | 465 | 9.3 | 0.2 | 1.5 | 400 | 2.7 | 0.1 | 0.2 | 302 | 0.4 | 0.0 | 13.0 | 15 | 18.1 | 0.0 |
| 1/30/10 11:00 | 1.8 | 537 | 3.3 | 0.1 | 5.1 | 461 | 9.5 | 0.2 | 1.7 | 397 | 3.1 | 0.1 | 0.4 | 302 | 0.7 | 0.0 | 6.7 | 15 | 9.0 | 0.0 |
| 1/30/10 11:30 | 2.0 | 537 | 3.7 | 0.1 | 5.3 | 461 | 9.9 | 0.3 | 0.9 | 397 | 1.6 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 6.3 | 15 | 8.4 | 0.0 |
| 1/30/10 12:00 | 1.9 | 531 | 3.5 | 0.1 | 4.9 | 456 | 9.2 | 0.2 | 0.8 | 393 | 1.4 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 8.3 | 15 | 11.3 | 0.0 |
| 1/30/10 12:30 | 1.9 | 537 | 3.5 | 0.1 | 4.3 | 460 | 8.0 | 0.2 | 0.9 | 396 | 1.6 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.2 | 15 | 6.8 | 0.0 |
| 1/30/10 13:00 | 2.1 | 531 | 3.9 | 0.1 | 4.2 | 456 | 7.8 | 0.2 | 0.7 | 393 | 1.3 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.9 | 15 | 7.8 | 0.0 |
| 1/30/10 13:30 | 2.4 | 537 | 4.4 | 0.1 | 4.0 | 460 | 7.4 | 0.2 | 1.0 | 396 | 1.8 | 0.0 | 0.3 | 299 | 0.5 | 0.0 | 6.7 | 15 | 9.0 | 0.0 |
| 1/30/10 14:00 | 2.0 | 531 | 3.7 | 0.1 | 3.9 | 456 | 7.3 | 0.2 | 1.0 | 393 | 1.8 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 1/30/10 14:30 | 2.2 | 526 | 4.0 | 0.1 | 3.9 | 453 | 7.3 | 0.2 | 0.7 | 391 | 1.3 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 14.0 | 15 | 19.6 | 0.0 |
| 1/30/10 15:00 | 2.4 | 526 | 4.4 | 0.1 | 3.8 | 452 | 7.1 | 0.2 | 0.7 | 389 | 1.3 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 9.5 | 15 | 13.0 | 0.0 |
| 1/30/10 15:30 | 2.4 | 526 | 4.4 | 0.1 | 4.4 | 452 | 8.2 | 0.2 | 0.8 | 389 | 1.4 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 15.0 | 15 | 21.1 | 0.0 |
| 1/30/10 16:00 | 2.7 | 526 | 5.0 | 0.1 | 4.1 | 452 | 7.6 | 0.2 | 0.6 | 389 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 14.0 | 15 | 19.6 | 0.0 |
| 1/30/10 16:30 | 3.3 | 521 | 6.1 | 0.2 | 3.9 | 448 | 7.3 | 0.2 | 0.6 | 387 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 40.0 | 15 | 59.8 | 0.1 |
| 1/30/10 17:00 | 2.9 | 526 | 5.4 | 0.2 | 3.9 | 452 | 7.3 | 0.2 | 0.6 | 389 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 180.0 | 15 | 295.4 | 0.3 |
| 1/30/10 17:30 | 2.8 | 521 | 5.2 | 0.2 | 3.8 | 448 | 7.1 | 0.2 | 0.6 | 387 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 100.0 | 15 | 158.2 | 0.1 |
| 1/30/10 18:00 | 2.8 | 526 | 5.2 | 0.2 | 3.9 | 452 | 7.3 | 0.2 | 0.7 | 389 | 1.3 | 0.0 | 0.3 | 296 | 0.5 | 0.0 | 69.0 | 15 | 106.7 | 0.1 |
| 1/30/10 18:30 | 2.4 | 515 | 4.4 | 0.1 | 3.9 | 444 | 7.3 | 0.2 | 0.8 | 385 | 1.4 | 0.0 | 0.3 | 296 | 0.5 | 0.0 | 360.0 | 15 | 616.8 | 0.5 |
| 1/30/10 19:00 | 2.3 | 526 | 4.2 | 0.1 | 4.2 | 452 | 7.8 | 0.2 | 0.7 | 389 | 1.3 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 240.0 | 15 | 401.0 | 0.3 |
| 1/30/10 19:30 | 2.4 | 521 | 4.4 | 0.1 | 4.1 | 448 | 7.6 | 0.2 | 0.8 | 387 | 1.4 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 160.0 | 15 | 260.7 | 0.2 |
| 1/30/10 20:00 | 2.4 | 521 | 4.4 | 0.1 | 4.0 | 448 | 7.4 | 0.2 | 0.9 | 387 | 1.6 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 170.0 | 15 | 278.0 | 0.2 |
| 1/30/10 20:30 | 2.3 | 521 | 4.2 | 0.1 | 4.0 | 449 | 7.4 | 0.2 | 1.9 | 389 | 3.5 | 0.1 | 0.2 | 299 | 0.4 | 0.0 | 140.0 | 15 | 226.2 | 0.2 |
| 1/30/10 21:00 | 2.1 | 526 | 3.9 | 0.1 | 4.0 | 453 | 7.4 | 0.2 | 3.1 | 391 | 5.7 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 210.0 | 15 | 347.9 | 0.3 |
| 1/30/10 21:30 | 2.2 | 526 | 4.0 | 0.1 | 4.1 | 453 | 7.6 | 0.2 | 3.3 | 391 | 6.1 | 0.1 | 0.2 | 299 | 0.4 | 0.0 | 230.0 | 15 | 383.2 | 0.3 |
| 1/30/10 22:00 | 2.3 | 526 | 4.2 | 0.1 | 4.4 | 453 | 8.2 | 0.2 | 4.6 | 391 | 8.6 | 0.2 | 0.2 | 299 | 0.4 | 0.0 | 150.0 | 15 | 243.4 | 0.2 |
| 1/30/10 22:30 | 2.4 | 526 | 4.4 | 0.1 | 5.2 | 453 | 9.7 | 0.2 | 7.1 | 391 | 13.4 | 0.3 | 0.3 | 299 | 0.5 | 0.0 | 230.0 | 15 | 383.2 | 0.3 |
| 1/30/10 23:00 | 2.3 | 526 | 4.2 | 0.1 | 6.0 | 453 | 11.3 | 0.3 | 7.3 | 391 | 13.7 | 0.3 | 0.2 | 299 | 0.4 | 0.0 | 84.0 | 15 | 131.5 | 0.1 |
| 1/30/10 23:30 | 3.3 | 531 | 6.1 | 0.2 | 6.5 | 457 | 12.2 | 0.3 | 6.9 | 395 | 13.0 | 0.3 | 0.3 | 302 | 0.5 | 0.0 | 76.0 | 15 | 118.2 | 0.1 |
| 1/31/10 0:00 | 2.1 | 531 | 3.9 | 0.1 | 7.6 | 457 | 14.3 | 0.4 | 6.2 | 395 | 11.6 | 0.3 | 0.2 | 302 | 0.4 | 0.0 | 250.0 | 15 | 418.7 | 0.4 |
| 1/31/10 0:30 | 2.0 | 531 | 3.7 | 0.1 | 8.7 | 457 | 16.4 | 0.4 | 6.1 | 395 | 11.4 | 0.3 | 0.2 | 302 | 0.4 | 0.0 | 210.0 | 15 | 347.9 | 0.3 |
| 1/31/10 1:00 | 1.7 | 531 | 3.1 | 0.1 | 9.5 | 458 | 18.0 | 0.5 | 6.7 | 397 | 12.6 | 0.3 | 0.3 | 305 | 0.5 | 0.0 | 240.0 | 16 | 401.0 | 0.4 |
| 1/31/10 1:30 | 1.9 | 531 | 3.5 | 0.1 | 9.4 | 459 | 17.8 | 0.5 | 6.6 | 399 | 12.4 | 0.3 | 0.3 | 308 | 0.5 | 0.0 | 170.0 | 16 | 278.0 | 0.2 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/31/10 2:00 | 1.9 | 531 | 3.5 | 0.1 | 8.5 | 459 | 16.1 | 0.4 | 6.5 | 399 | 12.2 | 0.3 | 0.2 | 308 | 0.4 | 0.0 | 160.0 | 16 | 260.7 | 0.2 |
| 1/31/10 2:30 | 2.1 | 531 | 3.9 | 0.1 | 8.6 | 460 | 16.3 | 0.4 | 5.8 | 401 | 10.9 | 0.2 | 0.2 | 311 | 0.4 | 0.0 | 66.0 | 16 | 101.8 | 0.1 |
| 1/31/10 3:00 | 2.1 | 537 | 3.9 | 0.1 | 9.1 | 463 | 17.2 | 0.4 | 5.0 | 401 | 9.3 | 0.2 | 0.3 | 308 | 0.5 | 0.0 | 63.0 | 16 | 96.9 | 0.1 |
| 1/31/10 3:30 | 1.9 | 537 | 3.5 | 0.1 | 9.1 | 463 | 17.2 | 0.4 | 4.6 | 401 | 8.6 | 0.2 | 0.7 | 308 | 1.3 | 0.0 | 57.0 | 16 | 87.1 | 0.1 |
| 1/31/10 4:00 | 2.1 | 537 | 3.9 | 0.1 | 9.1 | 464 | 17.2 | 0.4 | 6.1 | 403 | 11.4 | 0.3 | 0.2 | 311 | 0.4 | 0.0 | 61.0 | 16 | 93.6 | 0.1 |
| 1/31/10 4:30 | 2.6 | 542 | 4.8 | 0.1 | 8.2 | 469 | 15.5 | 0.4 | 7.1 | 407 | 13.4 | 0.3 | 0.6 | 314 | 1.1 | 0.0 | 79.0 | 16 | 123.2 | 0.1 |
| 1/31/10 5:00 | 3.1 | 537 | 5.7 | 0.2 | 7.6 | 465 | 14.3 | 0.4 | 7.2 | 405 | 13.6 | 0.3 | 0.2 | 314 | 0.4 | 0.0 | 41.0 | 16 | 61.4 | 0.1 |
| 1/31/10 5:30 | 3.5 | 542 | 6.5 | 0.2 | 7.9 | 470 | 14.9 | 0.4 | 6.6 | 409 | 12.4 | 0.3 | 0.4 | 318 | 0.7 | 0.0 | 37.0 | 16 | 55.0 | 0.1 |
| 1/31/10 6:00 | 4.1 | 537 | 7.6 | 0.2 | 8.5 | 465 | 16.1 | 0.4 | 5.8 | 405 | 10.9 | 0.2 | 0.2 | 314 | 0.4 | 0.0 | 98.0 | 16 | 154.9 | 0.1 |
| 1/31/10 6:30 | 4.7 | 542 | 8.8 | 0.3 | 9.3 | 469 | 17.6 | 0.5 | 3.8 | 407 | 7.1 | 0.2 | 0.7 | 314 | 1.3 | 0.0 | 220.0 | 16 | 365.6 | 0.3 |
| 1/31/10 7:00 | 5.1 | 542 | 9.5 | 0.3 | 9.2 | 469 | 17.4 | 0.5 | 2.9 | 407 | 5.4 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 110.0 | 16 | 175.1 | 0.2 |
| 1/31/10 7:30 | 5.1 | 542 | 9.5 | 0.3 | 8.6 | 469 | 16.3 | 0.4 | 2.6 | 407 | 4.8 | 0.1 | 0.8 | 314 | 1.4 | 0.0 | 100.0 | 16 | 158.2 | 0.1 |
| 1/31/10 8:00 | 4.7 | 537 | 8.8 | 0.3 | 8.0 | 465 | 15.1 | 0.4 | 2.5 | 405 | 4.6 | 0.1 | 0.3 | 314 | 0.5 | 0.0 | 110.0 | 16 | 175.1 | 0.2 |
| 1/31/10 8:30 | 5.0 | 537 | 9.3 | 0.3 | 6.7 | 465 | 12.6 | 0.3 | 2.4 | 405 | 4.4 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 74.0 | 16 | 114.9 | 0.1 |
| 1/31/10 9:00 | 4.8 | 537 | 9.0 | 0.3 | 6.0 | 465 | 11.3 | 0.3 | 2.0 | 405 | 3.7 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 55.0 | 16 | 83.9 | 0.1 |
| 1/31/10 9:30 | 5.3 | 542 | 9.9 | 0.3 | 5.6 | 469 | 10.5 | 0.3 | 2.5 | 407 | 4.6 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 32.0 | 16 | 47.2 | 0.0 |
| 1/31/10 10:00 | 5.0 | 537 | 9.3 | 0.3 | 5.6 | 465 | 10.5 | 0.3 | 3.8 | 405 | 7.1 | 0.2 | 0.2 | 314 | 0.4 | 0.0 | 30.0 | 16 | 44.0 | 0.0 |
| 1/31/10 10:30 | 4.6 | 542 | 8.6 | 0.3 | 5.5 | 469 | 10.3 | 0.3 | 4.6 | 407 | 8.6 | 0.2 | 0.2 | 314 | 0.4 | 0.0 | 30.0 | 16 | 44.0 | 0.0 |
| 1/31/10 11:00 | 4.2 | 542 | 7.8 | 0.2 | 5.2 | 469 | 9.7 | 0.3 | 4.5 | 407 | 8.4 | 0.2 | 0.2 | 314 | 0.4 | 0.0 | 23.0 | 16 | 33.2 | 0.0 |
| 1/31/10 11:30 | 4.4 | 542 | 8.2 | 0.3 | 6.2 | 468 | 11.6 | 0.3 | 3.8 | 405 | 7.1 | 0.2 | 0.2 | 311 | 0.4 | 0.0 | 37.0 | 16 | 55.0 | 0.0 |
| 1/31/10 12:00 | 4.7 | 537 | 8.8 | 0.3 | 6.7 | 465 | 12.6 | 0.3 | 3.5 | 405 | 6.5 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 26.0 | 16 | 37.8 | 0.0 |
| 1/31/10 12:30 | 4.8 | 537 | 9.0 | 0.3 | 7.2 | 464 | 13.6 | 0.4 | 3.0 | 403 | 5.6 | 0.1 | 0.2 | 311 | 0.4 | 0.0 | 52.0 | 16 | 79.0 | 0.1 |
| 1/31/10 13:00 | 5.4 | 542 | 10.1 | 0.3 | 7.1 | 468 | 13.4 | 0.4 | 2.4 | 405 | 4.4 | 0.1 | 0.2 | 311 | 0.4 | 0.0 | 34.0 | 16 | 50.3 | 0.0 |
| 1/31/10 13:30 | 4.8 | 537 | 9.0 | 0.3 | 6.6 | 464 | 12.4 | 0.3 | 1.8 | 403 | 3.3 | 0.1 | 0.3 | 311 | 0.5 | 0.0 | 47.0 | 16 | 71.0 | 0.1 |
| 1/31/10 14:00 | 4.3 | 537 | 8.0 | 0.2 | 6.3 | 464 | 11.8 | 0.3 | 1.5 | 403 | 2.7 | 0.1 | 0.3 | 311 | 0.5 | 0.0 | 41.0 | 16 | 61.4 | 0.1 |
| 1/31/10 14:30 | 3.5 | 531 | 6.5 | 0.2 | 6.0 | 460 | 11.3 | 0.3 | 1.5 | 401 | 2.7 | 0.1 | 0.5 | 311 | 0.9 | 0.0 | 23.0 | 16 | 33.2 | 0.0 |
| 1/31/10 15:00 | 3.0 | 537 | 5.6 | 0.2 | 5.5 | 464 | 10.3 | 0.3 | 1.5 | 403 | 2.7 | 0.1 | 0.2 | 311 | 0.4 | 0.0 | 28.0 | 16 | 40.9 | 0.0 |
| 1/31/10 15:30 | 2.8 | 531 | 5.2 | 0.2 | 5.2 | 460 | 9.7 | 0.3 | 1.4 | 401 | 2.6 | 0.1 | 0.4 | 311 | 0.7 | 0.0 | 19.0 | 16 | 27.1 | 0.0 |
| 1/31/10 16:00 | 2.7 | 531 | 5.0 | 0.1 | 5.2 | 460 | 9.7 | 0.3 | 1.4 | 401 | 2.6 | 0.1 | 1.0 | 311 | 1.8 | 0.0 | 16.0 | 16 | 22.6 | 0.0 |
| 1/31/10 16:30 | 2.7 | 531 | 5.0 | 0.1 | 4.7 | 459 | 8.8 | 0.2 | 1.5 | 399 | 2.7 | 0.1 | 0.3 | 308 | 0.5 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 1/31/10 17:00 | 2.8 | 531 | 5.2 | 0.2 | 4.8 | 459 | 9.0 | 0.2 | 1.5 | 399 | 2.7 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 1/31/10 17:30 | 2.7 | 526 | 5.0 | 0.1 | 4.8 | 456 | 9.0 | 0.2 | 1.6 | 397 | 2.9 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 15.0 | 16 | 21.1 | 0.0 |
| 1/31/10 18:00 | 3.5 | 526 | 6.5 | 0.2 | 5.3 | 456 | 9.9 | 0.3 | 1.6 | 397 | 2.9 | 0.1 | 0.2 | 308 | 0.4 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 1/31/10 18:30 | 3.4 | 531 | 6.3 | 0.2 | 4.9 | 459 | 9.2 | 0.2 | 1.4 | 399 | 2.6 | 0.1 | 0.3 | 308 | 0.5 | 0.0 | 9.3 | 16 | 12.7 | 0.0 |
| 1/31/10 19:00 | 3.5 | 526 | 6.5 | 0.2 | 5.0 | 455 | 9.3 | 0.2 | 1.1 | 395 | 2.0 | 0.0 | 0.5 | 305 | 0.9 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 1/31/10 19:30 | 3.2 | 526 | 5.9 | 0.2 | 3.7 | 455 | 6.9 | 0.2 | 1.1 | 395 | 2.0 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 10.0 | 16 | 13.7 | 0.0 |
| 1/31/10 20:00 | 3.3 | 526 | 6.1 | 0.2 | 3.0 | 455 | 5.6 | 0.1 | 0.9 | 395 | 1.6 | 0.0 | 0.5 | 305 | 0.9 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 1/31/10 20:30 | 2.8 | 521 | 5.2 | 0.2 | 2.9 | 451 | 5.4 | 0.1 | 0.9 | 393 | 1.6 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 9.8 | 16 | 13.4 | 0.0 |
| 1/31/10 21:00 | 2.8 | 521 | 5.2 | 0.2 | 3.8 | 451 | 7.1 | 0.2 | 0.7 | 393 | 1.3 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 1/31/10 21:30 | 2.4 | 526 | 4.4 | 0.1 | 2.7 | 454 | 5.0 | 0.1 | 0.7 | 393 | 1.3 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 1/31/10 22:00 | 2.3 | 526 | 4.2 | 0.1 | 2.5 | 454 | 4.6 | 0.1 | 0.8 | 393 | 1.4 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 13.0 | 15 | 18.1 | 0.0 |
| 1/31/10 22:30 | 3.4 | 515 | 6.3 | 0.2 | 2.8 | 446 | 5.2 | 0.1 | 1.1 | 389 | 2.0 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 7.8 | 15 | 10.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 1/31/10 23:00 | 2.4 | 521 | 4.4 | 0.1 | 2.7 | 450 | 5.0 | 0.1 | 0.7 | 391 | 1.3 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 7.2 | 15 | 9.7 | 0.0 |
| 1/31/10 23:30 | 2.1 | 521 | 3.9 | 0.1 | 2.4 | 450 | 4.4 | 0.1 | 0.7 | 391 | 1.3 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 8.0 | 15 | 10.8 | 0.0 |
| 2/1/10 0:00 | 2.5 | 521 | 4.6 | 0.1 | 2.5 | 449 | 4.6 | 0.1 | 0.7 | 389 | 1.3 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 7.9 | 15 | 10.7 | 0.0 |
| 2/1/10 0:30 | 2.3 | 510 | 4.2 | 0.1 | 2.3 | 442 | 4.2 | 0.1 | 0.7 | 385 | 1.3 | 0.0 | 0.4 | 299 | 0.7 | 0.0 | 6.0 | 15 | 8.0 | 0.0 |
| 2/1/10 1:00 | 2.3 | 510 | 4.2 | 0.1 | 2.3 | 442 | 4.2 | 0.1 | 1.1 | 385 | 2.0 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.8 | 15 | 7.7 | 0.0 |
| 2/1/10 1:30 | 2.3 | 510 | 4.2 | 0.1 | 2.2 | 442 | 4.0 | 0.1 | 0.6 | 385 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.6 | 15 | 7.4 | 0.0 |
| 2/1/10 2:00 | 2.1 | 515 | 3.9 | 0.1 | 2.0 | 445 | 3.7 | 0.1 | 0.6 | 387 | 1.1 | 0.0 | 0.3 | 299 | 0.5 | 0.0 | 9.4 | 15 | 12.8 | 0.0 |
| 2/1/10 2:30 | 2.3 | 515 | 4.2 | 0.1 | 2.2 | 445 | 4.0 | 0.1 | 0.6 | 387 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 7.3 | 15 | 9.8 | 0.0 |
| 2/1/10 3:00 | 2.0 | 510 | 3.7 | 0.1 | 2.0 | 441 | 3.7 | 0.1 | 0.6 | 383 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 6.2 | 15 | 8.3 | 0.0 |
| 2/1/10 3:30 | 2.3 | 510 | 4.2 | 0.1 | 2.1 | 441 | 3.9 | 0.1 | 0.6 | 383 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 6.0 | 15 | 8.0 | 0.0 |
| 2/1/10 4:00 | 2.1 | 510 | 3.9 | 0.1 | 2.9 | 441 | 5.4 | 0.1 | 0.6 | 383 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 5.6 | 15 | 7.4 | 0.0 |
| 2/1/10 4:30 | 2.5 | 504 | 4.6 | 0.1 | 1.9 | 437 | 3.5 | 0.1 | 0.5 | 381 | 0.9 | 0.0 | 0.3 | 296 | 0.5 | 0.0 | 5.4 | 15 | 7.1 | 0.0 |
| 2/1/10 5:00 | 1.9 | 504 | 3.5 | 0.1 | 2.1 | 437 | 3.9 | 0.1 | 0.6 | 381 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 4.9 | 15 | 6.4 | 0.0 |
| 2/1/10 5:30 | 1.8 | 510 | 3.3 | 0.1 | 2.0 | 440 | 3.7 | 0.1 | 0.7 | 381 | 1.3 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 4.3 | 15 | 5.6 | 0.0 |
| 2/1/10 6:00 | 1.8 | 504 | 3.3 | 0.1 | 1.9 | 436 | 3.5 | 0.1 | 0.6 | 379 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 4.9 | 15 | 6.4 | 0.0 |
| 2/1/10 6:30 | 1.8 | 499 | 3.3 | 0.1 | 2.2 | 433 | 4.0 | 0.1 | 0.6 | 377 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 6.6 | 15 | 8.8 | 0.0 |
| 2/1/10 7:00 | 1.8 | 504 | 3.3 | 0.1 | 1.9 | 436 | 3.5 | 0.1 | 0.5 | 379 | 0.9 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 4.8 | 15 | 6.3 | 0.0 |
| 2/1/10 7:30 | 1.8 | 499 | 3.3 | 0.1 | 2.2 | 433 | 4.0 | 0.1 | 0.6 | 377 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 4.9 | 15 | 6.4 | 0.0 |
| 2/1/10 8:00 | 2.3 | 499 | 4.2 | 0.1 | 2.4 | 432 | 4.4 | 0.1 | 0.6 | 375 | 1.1 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 7.5 | 15 | 10.1 | 0.0 |
| 2/1/10 8:30 | 1.8 | 504 | 3.3 | 0.1 | 2.2 | 435 | 4.0 | 0.1 | 0.6 | 377 | 1.1 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.2 | 15 | 8.3 | 0.0 |
| 2/1/10 9:00 | 1.7 | 499 | 3.1 | 0.1 | 1.9 | 432 | 3.5 | 0.1 | 0.5 | 375 | 0.9 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 8.5 | 15 | 11.5 | 0.0 |
| 2/1/10 9:30 | 1.8 | 499 | 3.3 | 0.1 | 1.9 | 432 | 3.5 | 0.1 | 0.4 | 375 | 0.7 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 8.8 | 15 | 12.0 | 0.0 |
| 2/1/10 10:00 | 1.9 | 494 | 3.5 | 0.1 | 2.0 | 428 | 3.7 | 0.1 | 1.0 | 373 | 1.8 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 8.0 | 15 | 10.8 | 0.0 |
| 2/1/10 10:30 | 1.7 | 494 | 3.1 | 0.1 | 1.8 | 427 | 3.3 | 0.1 | 0.4 | 371 | 0.7 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 6.2 | 15 | 8.3 | 0.0 |
| 2/1/10 11:00 | 1.7 | 494 | 3.1 | 0.1 | 1.9 | 428 | 3.5 | 0.1 | 0.5 | 373 | 0.9 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.0 | 15 | 8.0 | 0.0 |
| 2/1/10 11:30 | 1.7 | 494 | 3.1 | 0.1 | 1.9 | 427 | 3.5 | 0.1 | 0.5 | 371 | 0.9 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 8.7 | 15 | 11.8 | 0.0 |
| 2/1/10 12:00 | 1.7 | 494 | 3.1 | 0.1 | 1.9 | 427 | 3.5 | 0.1 | 0.5 | 371 | 0.9 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 5.2 | 15 | 6.8 | 0.0 |
| 2/1/10 12:30 | 1.9 | 494 | 3.5 | 0.1 | 2.0 | 427 | 3.7 | 0.1 | 0.4 | 371 | 0.7 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 4.6 | 15 | 6.0 | 0.0 |
| 2/1/10 13:00 | 1.7 | 494 | 3.1 | 0.1 | 2.0 | 427 | 3.7 | 0.1 | 0.6 | 371 | 1.1 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 4.5 | 15 | 5.9 | 0.0 |
| 2/1/10 13:30 | 1.6 | 494 | 2.9 | 0.1 | 2.2 | 427 | 4.0 | 0.1 | 0.7 | 371 | 1.3 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 5.1 | 15 | 6.7 | 0.0 |
| 2/1/10 14:00 | 1.5 | 499 | 2.7 | 0.1 | 2.2 | 431 | 4.0 | 0.1 | 0.6 | 373 | 1.1 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 4.5 | 15 | 5.9 | 0.0 |
| 2/1/10 14:30 | 1.7 | 499 | 3.1 | 0.1 | 2.4 | 431 | 4.4 | 0.1 | 0.5 | 373 | 0.9 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 5.3 | 15 | 7.0 | 0.0 |
| 2/1/10 15:00 | 1.6 | 494 | 2.9 | 0.1 | 2.2 | 428 | 4.0 | 0.1 | 0.6 | 373 | 1.1 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.5 | 15 | 8.7 | 0.0 |
| 2/1/10 15:30 | 1.8 | 504 | 3.3 | 0.1 | 2.4 | 435 | 4.4 | 0.1 | 0.6 | 377 | 1.1 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.1 | 15 | 8.1 | 0.0 |
| 2/1/10 16:00 | 1.8 | 499 | 3.3 | 0.1 | 2.5 | 432 | 4.6 | 0.1 | 0.7 | 375 | 1.3 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 2/1/10 16:30 | 1.7 | 504 | 3.1 | 0.1 | 2.5 | 436 | 4.6 | 0.1 | 0.6 | 379 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 2/1/10 17:00 | 1.6 | 510 | 2.9 | 0.1 | 2.6 | 440 | 4.8 | 0.1 | 0.7 | 381 | 1.3 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 48.0 | 15 | 72.6 | 0.1 |
| 2/1/10 17:30 | 3.4 | 510 | 6.3 | 0.2 | 2.5 | 441 | 4.6 | 0.1 | 0.5 | 383 | 0.9 | 0.0 | 0.3 | 296 | 0.5 | 0.0 | 120.0 | 15 | 192.0 | 0.2 |
| 2/1/10 18:00 | 1.9 | 521 | 3.5 | 0.1 | 2.5 | 449 | 4.6 | 0.1 | 0.6 | 389 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 200.0 | 15 | 330.4 | 0.3 |
| 2/1/10 18:30 | 1.9 | 521 | 3.5 | 0.1 | 2.7 | 450 | 5.0 | 0.1 | 0.6 | 391 | 1.1 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 180.0 | 15 | 295.4 | 0.3 |
| 2/1/10 19:00 | 2.0 | 521 | 3.7 | 0.1 | 2.9 | 450 | 5.4 | 0.1 | 0.8 | 391 | 1.4 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 420.0 | 15 | 726.5 | 0.6 |
| 2/1/10 19:30 | 2.1 | 526 | 3.9 | 0.1 | 2.8 | 455 | 5.2 | 0.1 | 0.6 | 395 | 1.1 | 0.0 | 0.3 | 305 | 0.5 | 0.0 | 460.0 | 16 | 800.2 | 0.7 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/1/10 20:00 | 2.0 | 526 | 3.7 | 0.1 | 3.0 | 456 | 5.6 | 0.1 | 0.7 | 397 | 1.3 | 0.0 | 1.0 | 308 | 1.8 | 0.0 | 230.0 | 16 | 383.2 | 0.3 |
| 2/1/10 20:30 | 1.8 | 531 | 3.3 | 0.1 | 2.8 | 459 | 5.2 | 0.1 | 0.9 | 399 | 1.6 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 280.0 | 16 | 472.3 | 0.4 |
| 2/1/10 21:00 | 1.8 | 537 | 3.3 | 0.1 | 3.0 | 464 | 5.6 | 0.1 | 1.8 | 403 | 3.3 | 0.1 | 0.2 | 311 | 0.4 | 0.0 | 360.0 | 16 | 616.8 | 0.6 |
| 2/1/10 21:30 | 2.0 | 537 | 3.7 | 0.1 | 2.7 | 465 | 5.0 | 0.1 | 3.2 | 405 | 5.9 | 0.1 | 0.2 | 314 | 0.4 | 0.0 | 440.0 | 16 | 763.3 | 0.7 |
| 2/1/10 22:00 | 1.8 | 542 | 3.3 | 0.1 | 2.9 | 470 | 5.4 | 0.1 | 4.8 | 409 | 9.0 | 0.2 | 0.3 | 318 | 0.5 | 0.0 | 340.0 | 16 | 580.4 | 0.5 |
| 2/1/10 22:30 | 1.9 | 548 | 3.5 | 0.1 | 3.6 | 474 | 6.7 | 0.2 | 7.1 | 411 | 13.4 | 0.3 | 0.3 | 318 | 0.5 | 0.0 | 740.0 | 16 | 1325.8 | 1.2 |
| 2/1/10 23:00 | 2.3 | 548 | 4.2 | 0.1 | 4.4 | 474 | 8.2 | 0.2 | 10.2 | 411 | 19.3 | 0.4 | 0.3 | 318 | 0.5 | 0.0 | 310.0 | 16 | 526.2 | 0.5 |
| 2/1/10 23:30 | 1.9 | 548 | 3.5 | 0.1 | 5.3 | 475 | 9.9 | 0.3 | 11.1 | 413 | 21.1 | 0.5 | 0.2 | 321 | 0.4 | 0.0 | 190.0 | 16 | 312.9 | 0.3 |
| 2/2/10 0:00 | 2.0 | 548 | 3.7 | 0.1 | 7.0 | 475 | 13.2 | 0.4 | 10.2 | 413 | 19.3 | 0.4 | 0.2 | 321 | 0.4 | 0.0 | 130.0 | 16 | 209.1 | 0.2 |
| 2/2/10 0:30 | 2.3 | 548 | 4.2 | 0.1 | 8.8 | 475 | 16.6 | 0.4 | 11.1 | 413 | 21.1 | 0.5 | 0.2 | 321 | 0.4 | 0.0 | 58.0 | 16 | 88.7 | 0.1 |
| 2/2/10 1:00 | 1.9 | 553 | 3.5 | 0.1 | 11.0 | 480 | 20.9 | 0.6 | 11.9 | 417 | 22.6 | 0.5 | 0.2 | 324 | 0.4 | 0.0 | 56.0 | 17 | 85.5 | 0.1 |
| 2/2/10 1:30 | 2.0 | 553 | 3.7 | 0.1 | 12.0 | 480 | 22.8 | 0.6 | 13.4 | 417 | 25.5 | 0.6 | 0.2 | 324 | 0.4 | 0.0 | 39.0 | 17 | 58.2 | 0.1 |
| 2/2/10 2:00 | 1.9 | 559 | 3.5 | 0.1 | 11.0 | 483 | 20.9 | 0.6 | 15.5 | 420 | 29.6 | 0.7 | 0.2 | 324 | 0.4 | 0.0 | 85.0 | 17 | 133.1 | 0.1 |
| 2/2/10 2:30 | 1.9 | 559 | 3.5 | 0.1 | 11.1 | 483 | 21.1 | 0.6 | 15.7 | 420 | 30.0 | 0.7 | 0.2 | 324 | 0.4 | 0.0 | 79.0 | 17 | 123.2 | 0.1 |
| 2/2/10 3:00 | 2.0 | 559 | 3.7 | 0.1 | 12.2 | 483 | 23.2 | 0.6 | 11.9 | 420 | 22.6 | 0.5 | 0.2 | 324 | 0.4 | 0.0 | 54.0 | 17 | 82.2 | 0.1 |
| 2/2/10 3:30 | 2.1 | 559 | 3.9 | 0.1 | 13.3 | 483 | 25.4 | 0.7 | 8.5 | 420 | 16.1 | 0.4 | 0.2 | 324 | 0.4 | 0.0 | 32.0 | 17 | 47.2 | 0.0 |
| 2/2/10 4:00 | 2.3 | 559 | 4.2 | 0.1 | 14.2 | 483 | 27.1 | 0.7 | 5.6 | 420 | 10.5 | 0.2 | 0.2 | 324 | 0.4 | 0.0 | 25.0 | 17 | 36.3 | 0.0 |
| 2/2/10 4:30 | 2.5 | 559 | 4.6 | 0.1 | 13.3 | 483 | 25.4 | 0.7 | 3.7 | 420 | 6.9 | 0.2 | 0.2 | 324 | 0.4 | 0.0 | 120.0 | 17 | 192.0 | 0.2 |
| 2/2/10 5:00 | 2.7 | 559 | 5.0 | 0.2 | 11.3 | 483 | 21.5 | 0.6 | 2.7 | 420 | 5.0 | 0.1 | 0.3 | 324 | 0.5 | 0.0 | 49.0 | 17 | 74.2 | 0.1 |
| 2/2/10 5:30 | 3.6 | 559 | 6.7 | 0.2 | 9.2 | 483 | 17.4 | 0.5 | 2.5 | 420 | 4.6 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 30.0 | 17 | 44.0 | 0.0 |
| 2/2/10 6:00 | 5.7 | 565 | 10.7 | 0.3 | 7.1 | 487 | 13.4 | 0.4 | 2.5 | 422 | 4.6 | 0.1 | 0.6 | 324 | 1.1 | 0.0 | 37.0 | 17 | 55.0 | 0.1 |
| 2/2/10 6:30 | 5.8 | 559 | 10.9 | 0.3 | 5.5 | 483 | 10.3 | 0.3 | 2.4 | 420 | 4.4 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 25.0 | 17 | 36.3 | 0.0 |
| 2/2/10 7:00 | 6.5 | 559 | 12.2 | 0.4 | 5.2 | 483 | 9.7 | 0.3 | 1.8 | 420 | 3.3 | 0.1 | 0.5 | 324 | 0.9 | 0.0 | 25.0 | 17 | 36.3 | 0.0 |
| 2/2/10 7:30 | 7.1 | 565 | 13.4 | 0.4 | 5.0 | 487 | 9.3 | 0.3 | 2.1 | 422 | 3.9 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 23.0 | 17 | 33.2 | 0.0 |
| 2/2/10 8:00 | 7.1 | 565 | 13.4 | 0.4 | 5.0 | 487 | 9.3 | 0.3 | 2.0 | 422 | 3.7 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 22.0 | 17 | 31.7 | 0.0 |
| 2/2/10 8:30 | 7.3 | 559 | 13.7 | 0.4 | 4.6 | 483 | 8.6 | 0.2 | 2.3 | 420 | 4.2 | 0.1 | 0.3 | 324 | 0.5 | 0.0 | 18.0 | 17 | 25.6 | 0.0 |
| 2/2/10 9:00 | 8.1 | 559 | 15.3 | 0.5 | 4.2 | 483 | 7.8 | 0.2 | 1.9 | 420 | 3.5 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 18.0 | 17 | 25.6 | 0.0 |
| 2/2/10 9:30 | 8.9 | 559 | 16.8 | 0.5 | 5.5 | 483 | 10.3 | 0.3 | 1.7 | 420 | 3.1 | 0.1 | 0.3 | 324 | 0.5 | 0.0 | 16.0 | 17 | 22.6 | 0.0 |
| 2/2/10 10:00 | 8.9 | 559 | 16.8 | 0.5 | 4.5 | 483 | 8.4 | 0.2 | 1.5 | 420 | 2.7 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 16.0 | 17 | 22.6 | 0.0 |
| 2/2/10 10:30 | 8.5 | 559 | 16.1 | 0.5 | 4.6 | 483 | 8.6 | 0.2 | 1.4 | 420 | 2.6 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 18.0 | 17 | 25.6 | 0.0 |
| 2/2/10 11:00 | 7.3 | 553 | 13.7 | 0.4 | 4.5 | 479 | 8.4 | 0.2 | 1.1 | 416 | 2.0 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 23.0 | 16 | 33.2 | 0.0 |
| 2/2/10 11:30 | 6.7 | 553 | 12.6 | 0.4 | 4.4 | 480 | 8.2 | 0.2 | 1.0 | 417 | 1.8 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 16.0 | 17 | 22.6 | 0.0 |
| 2/2/10 12:00 | 4.6 | 559 | 8.6 | 0.3 | 3.9 | 482 | 7.3 | 0.2 | 1.0 | 418 | 1.8 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 15.0 | 16 | 21.1 | 0.0 |
| 2/2/10 12:30 | 3.6 | 559 | 6.7 | 0.2 | 3.8 | 482 | 7.1 | 0.2 | 1.0 | 418 | 1.8 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 14.0 | 16 | 19.6 | 0.0 |
| 2/2/10 13:00 | 3.2 | 559 | 5.9 | 0.2 | 3.7 | 482 | 6.9 | 0.2 | 0.9 | 418 | 1.6 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 16.0 | 16 | 22.6 | 0.0 |
| 2/2/10 13:30 | 4.0 | 553 | 7.4 | 0.2 | 3.8 | 479 | 7.1 | 0.2 | 0.9 | 416 | 1.6 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 14.0 | 16 | 19.6 | 0.0 |
| 2/2/10 14:00 | 3.0 | 553 | 5.6 | 0.2 | 3.6 | 479 | 6.7 | 0.2 | 0.9 | 416 | 1.6 | 0.0 | 0.5 | 321 | 0.9 | 0.0 | 16.0 | 16 | 22.6 | 0.0 |
| 2/2/10 14:30 | 3.8 | 548 | 7.1 | 0.2 | 3.8 | 475 | 7.1 | 0.2 | 0.9 | 413 | 1.6 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/2/10 15:00 | 3.1 | 553 | 5.7 | 0.2 | 3.6 | 478 | 6.7 | 0.2 | 0.9 | 414 | 1.6 | 0.0 | 0.5 | 318 | 0.9 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/2/10 15:30 | 2.5 | 553 | 4.6 | 0.1 | 3.6 | 479 | 6.7 | 0.2 | 0.9 | 416 | 1.6 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 9.5 | 16 | 13.0 | 0.0 |
| 2/2/10 16:00 | 2.5 | 553 | 4.6 | 0.1 | 3.8 | 478 | 7.1 | 0.2 | 0.7 | 414 | 1.3 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/2/10 16:30 | 2.6 | 548 | 4.8 | 0.1 | 4.0 | 474 | 7.4 | 0.2 | 0.9 | 411 | 1.6 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 9.9 | 16 | 13.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 2/2/10 17:00 | 3.2 | 548 | 5.9 | 0.2 | 3.8 | 474 | 7.1 | 0.2 | 0.9 | 411 | 1.6 | 0.0 | 0.4 | 318 | 0.7 | 0.0 | 9.5 | 16 | 13.0 | 0.0 |
| 2/2/10 17:30 | 2.4 | 548 | 4.4 | 0.1 | 3.8 | 474 | 7.1 | 0.2 | 0.7 | 411 | 1.3 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 2/2/10 18:00 | 2.4 | 542 | 4.4 | 0.1 | 4.1 | 470 | 7.6 | 0.2 | 0.7 | 409 | 1.3 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 10.0 | 16 | 13.7 | 0.0 |
| 2/2/10 18:30 | 2.3 | 548 | 4.2 | 0.1 | 3.8 | 474 | 7.1 | 0.2 | 1.2 | 411 | 2.2 | 0.1 | 0.4 | 318 | 0.7 | 0.0 | 8.3 | 16 | 11.3 | 0.0 |
| 2/2/10 19:00 | 2.2 | 548 | 4.0 | 0.1 | 3.6 | 474 | 6.7 | 0.2 | 0.9 | 411 | 1.6 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 2/2/10 19:30 | 2.1 | 553 | 3.9 | 0.1 | 3.9 | 476 | 7.3 | 0.2 | 0.7 | 412 | 1.3 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 7.9 | 16 | 10.7 | 0.0 |
| 2/2/10 20:00 | 2.2 | 553 | 4.0 | 0.1 | 4.2 | 476 | 7.8 | 0.2 | 0.6 | 412 | 1.1 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 5.9 | 16 | 7.8 | 0.0 |
| 2/2/10 20:30 | 2.0 | 553 | 3.7 | 0.1 | 3.8 | 476 | 7.1 | 0.2 | 1.0 | 412 | 1.8 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 7.1 | 16 | 9.5 | 0.0 |
| 2/2/10 21:00 | 1.9 | 542 | 3.5 | 0.1 | 4.2 | 469 | 7.8 | 0.2 | 0.7 | 407 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 2/2/10 21:30 | 1.9 | 542 | 3.5 | 0.1 | 3.8 | 469 | 7.1 | 0.2 | 0.7 | 407 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 8.6 | 16 | 11.7 | 0.0 |
| 2/2/10 22:00 | 1.9 | 542 | 3.5 | 0.1 | 3.8 | 469 | 7.1 | 0.2 | 0.7 | 407 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 7.4 | 16 | 10.0 | 0.0 |
| 2/2/10 22:30 | 2.2 | 542 | 4.0 | 0.1 | 3.8 | 468 | 7.1 | 0.2 | 0.6 | 405 | 1.1 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 7.1 | 16 | 9.5 | 0.0 |
| 2/2/10 23:00 | 2.0 | 537 | 3.7 | 0.1 | 4.2 | 464 | 7.8 | 0.2 | 0.6 | 403 | 1.1 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 5.7 | 16 | 7.5 | 0.0 |
| 2/2/10 23:30 | 1.9 | 542 | 3.5 | 0.1 | 4.5 | 468 | 8.4 | 0.2 | 0.6 | 405 | 1.1 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 6.6 | 16 | 8.8 | 0.0 |
| 2/3/10 0:00 | 2.0 | 537 | 3.7 | 0.1 | 3.8 | 464 | 7.1 | 0.2 | 0.6 | 403 | 1.1 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 7.1 | 16 | 9.5 | 0.0 |
| 2/3/10 0:30 | 1.9 | 542 | 3.5 | 0.1 | 3.8 | 468 | 7.1 | 0.2 | 0.6 | 405 | 1.1 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 6.4 | 16 | 8.5 | 0.0 |
| 2/3/10 1:00 | 2.3 | 537 | 4.2 | 0.1 | 3.8 | 463 | 7.1 | 0.2 | 1.0 | 401 | 1.8 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 5.5 | 16 | 7.3 | 0.0 |
| 2/3/10 1:30 | 2.0 | 531 | 3.7 | 0.1 | 3.7 | 460 | 6.9 | 0.2 | 0.6 | 401 | 1.1 | 0.0 | 0.3 | 311 | 0.5 | 0.0 | 6.4 | 16 | 8.5 | 0.0 |
| 2/3/10 2:00 | 2.4 | 531 | 4.4 | 0.1 | 3.8 | 459 | 7.1 | 0.2 | 0.7 | 399 | 1.3 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 6.1 | 16 | 8.1 | 0.0 |
| 2/3/10 2:30 | 1.9 | 531 | 3.5 | 0.1 | 3.7 | 459 | 6.9 | 0.2 | 0.6 | 399 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 6.0 | 16 | 8.0 | 0.0 |
| 2/3/10 3:00 | 1.9 | 537 | 3.5 | 0.1 | 3.7 | 463 | 6.9 | 0.2 | 0.7 | 401 | 1.3 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 4.8 | 16 | 6.3 | 0.0 |
| 2/3/10 3:30 | 1.9 | 537 | 3.5 | 0.1 | 3.6 | 463 | 6.7 | 0.2 | 0.6 | 401 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 5.2 | 16 | 6.8 | 0.0 |
| 2/3/10 4:00 | 1.9 | 537 | 3.5 | 0.1 | 3.8 | 463 | 7.1 | 0.2 | 0.6 | 401 | 1.1 | 0.0 | 0.5 | 308 | 0.9 | 0.0 | 5.3 | 16 | 7.0 | 0.0 |
| 2/3/10 4:30 | 1.8 | 537 | 3.3 | 0.1 | 3.8 | 463 | 7.1 | 0.2 | 0.5 | 401 | 0.9 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 6.0 | 16 | 8.0 | 0.0 |
| 2/3/10 5:00 | 1.7 | 526 | 3.1 | 0.1 | 3.8 | 457 | 7.1 | 0.2 | 0.6 | 399 | 1.1 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 5.2 | 16 | 6.8 | 0.0 |
| 2/3/10 5:30 | 1.7 | 526 | 3.1 | 0.1 | 4.1 | 456 | 7.6 | 0.2 | 0.6 | 397 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 5.1 | 16 | 6.7 | 0.0 |
| 2/3/10 6:00 | 1.9 | 537 | 3.5 | 0.1 | 4.0 | 463 | 7.4 | 0.2 | 0.6 | 401 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 5.6 | 16 | 7.4 | 0.0 |
| 2/3/10 6:30 | 1.9 | 526 | 3.5 | 0.1 | 3.8 | 456 | 7.1 | 0.2 | 0.6 | 397 | 1.1 | 0.0 | 0.4 | 308 | 0.7 | 0.0 | 6.0 | 16 | 8.0 | 0.0 |
| 2/3/10 7:00 | 1.8 | 531 | 3.3 | 0.1 | 3.8 | 459 | 7.1 | 0.2 | 0.6 | 399 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 66.0 | 16 | 101.8 | 0.1 |
| 2/3/10 7:30 | 2.1 | 526 | 3.9 | 0.1 | 3.8 | 456 | 7.1 | 0.2 | 0.6 | 397 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 260.0 | 16 | 436.5 | 0.4 |
| 2/3/10 8:00 | 1.9 | 526 | 3.5 | 0.1 | 3.8 | 455 | 7.1 | 0.2 | 0.5 | 395 | 0.9 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 64.0 | 16 | 98.5 | 0.1 |
| 2/3/10 8:30 | 1.9 | 531 | 3.5 | 0.1 | 3.8 | 458 | 7.1 | 0.2 | 0.6 | 397 | 1.1 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 20.0 | 16 | 28.6 | 0.0 |
| 2/3/10 9:00 | 1.9 | 526 | 3.5 | 0.1 | 3.9 | 455 | 7.3 | 0.2 | 0.5 | 395 | 0.9 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/3/10 9:30 | 1.9 | 526 | 3.5 | 0.1 | 4.1 | 455 | 7.6 | 0.2 | 0.6 | 395 | 1.1 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 9.4 | 16 | 12.8 | 0.0 |
| 2/3/10 10:00 | 1.9 | 526 | 3.5 | 0.1 | 4.1 | 455 | 7.6 | 0.2 | 0.8 | 395 | 1.4 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 8.7 | 16 | 11.8 | 0.0 |
| 2/3/10 10:30 | 1.7 | 531 | 3.1 | 0.1 | 3.8 | 458 | 7.1 | 0.2 | 0.9 | 397 | 1.6 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 2/3/10 11:00 | 1.8 | 526 | 3.3 | 0.1 | 3.8 | 455 | 7.1 | 0.2 | 2.5 | 395 | 4.6 | 0.1 | 0.2 | 305 | 0.4 | 0.0 | 10.0 | 16 | 13.7 | 0.0 |
| 2/3/10 11:30 | 2.0 | 526 | 3.7 | 0.1 | 3.9 | 455 | 7.3 | 0.2 | 3.6 | 395 | 6.7 | 0.1 | 0.2 | 305 | 0.4 | 0.0 | 7.5 | 16 | 10.1 | 0.0 |
| 2/3/10 12:00 | 2.0 | 526 | 3.7 | 0.1 | 4.2 | 455 | 7.8 | 0.2 | 3.1 | 395 | 5.7 | 0.1 | 0.4 | 305 | 0.7 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 2/3/10 12:30 | 1.8 | 526 | 3.3 | 0.1 | 4.4 | 455 | 8.2 | 0.2 | 2.2 | 395 | 4.0 | 0.1 | 0.2 | 305 | 0.4 | 0.0 | 7.0 | 16 | 9.4 | 0.0 |
| 2/3/10 13:00 | 1.8 | 526 | 3.3 | 0.1 | 5.9 | 455 | 11.1 | 0.3 | 1.4 | 395 | 2.6 | 0.1 | 0.2 | 305 | 0.4 | 0.0 | 6.7 | 16 | 9.0 | 0.0 |
| 2/3/10 13:30 | 1.8 | 521 | 3.3 | 0.1 | 6.9 | 451 | 13.0 | 0.3 | 0.9 | 393 | 1.6 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 5.3 | 16 | 7.0 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/3/10 14:00 | 2.2 | 521 | 4.0 | 0.1 | 6.1 | 451 | 11.4 | 0.3 | 0.7 | 393 | 1.3 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 5.9 | 16 | 7.8 | 0.0 |
| 2/3/10 14:30 | 1.9 | 521 | 3.5 | 0.1 | 5.2 | 451 | 9.7 | 0.2 | 0.6 | 393 | 1.1 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 65.0 | 16 | 100.1 | 0.1 |
| 2/3/10 15:00 | 1.8 | 521 | 3.3 | 0.1 | 4.7 | 450 | 8.8 | 0.2 | 0.5 | 391 | 0.9 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 150.0 | 15 | 243.4 | 0.2 |
| 2/3/10 15:30 | 2.1 | 515 | 3.9 | 0.1 | 5.0 | 447 | 9.3 | 0.2 | 0.5 | 390 | 0.9 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 45.0 | 16 | 67.8 | 0.1 |
| 2/3/10 16:00 | 1.7 | 526 | 3.1 | 0.1 | 4.5 | 455 | 8.4 | 0.2 | 0.5 | 395 | 0.9 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 73.0 | 16 | 113.3 | 0.1 |
| 2/3/10 16:30 | 2.2 | 521 | 4.0 | 0.1 | 4.4 | 452 | 8.2 | 0.2 | 0.6 | 395 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 43.0 | 16 | 64.6 | 0.1 |
| 2/3/10 17:00 | 1.6 | 521 | 2.9 | 0.1 | 6.3 | 452 | 11.8 | 0.3 | 0.6 | 395 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 59.0 | 16 | 90.3 | 0.1 |
| 2/3/10 17:30 | 1.7 | 521 | 3.1 | 0.1 | 4.4 | 453 | 8.2 | 0.2 | 0.6 | 396 | 1.1 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 80.0 | 16 | 124.8 | 0.1 |
| 2/3/10 18:00 | 1.8 | 526 | 3.3 | 0.1 | 4.2 | 458 | 7.8 | 0.2 | 1.0 | 400 | 1.8 | 0.0 | 0.5 | 314 | 0.9 | 0.0 | 200.0 | 16 | 330.4 | 0.3 |
| 2/3/10 18:30 | 2.2 | 526 | 4.0 | 0.1 | 5.1 | 459 | 9.5 | 0.2 | 2.4 | 402 | 4.4 | 0.1 | 0.3 | 318 | 0.5 | 0.0 | 110.0 | 16 | 175.1 | 0.2 |
| 2/3/10 19:00 | 2.7 | 531 | 5.0 | 0.1 | 4.6 | 464 | 8.6 | 0.2 | 2.8 | 407 | 5.2 | 0.1 | 0.3 | 321 | 0.5 | 0.0 | 130.0 | 16 | 209.1 | 0.2 |
| 2/3/10 19:30 | 3.1 | 537 | 5.7 | 0.2 | 5.1 | 469 | 9.4 | 0.2 | 2.6 | 413 | 4.8 | 0.1 | 1.1 | 327 | 2.0 | 0.0 | 440.0 | 17 | 763.3 | 0.7 |
| 2/3/10 20:00 | 3.0 | 537 | 5.6 | 0.2 | 5.5 | 470 | 10.3 | 0.3 | 2.2 | 415 | 4.0 | 0.1 | 0.4 | 331 | 0.7 | 0.0 | 230.0 | 17 | 383.2 | 0.4 |
| 2/3/10 20:30 | 2.7 | 537 | 5.0 | 0.2 | 6.1 | 473 | 11.4 | 0.3 | 2.1 | 418 | 3.9 | 0.1 | 0.2 | 337 | 0.4 | 0.0 | 580.0 | 17 | 1023.6 | 1.0 |
| 2/3/10 21:00 | 2.5 | 542 | 4.6 | 0.1 | 6.3 | 477 | 11.8 | 0.3 | 2.3 | 423 | 4.2 | 0.1 | 0.4 | 341 | 0.7 | 0.0 | 520.0 | 17 | 911.5 | 0.9 |
| 2/3/10 21:30 | 2.2 | 548 | 4.0 | 0.1 | 6.3 | 483 | 11.8 | 0.3 | 3.6 | 429 | 6.7 | 0.2 | 0.2 | 347 | 0.4 | 0.0 | 710.0 | 18 | 1268.8 | 1.3 |
| 2/3/10 22:00 | 2.2 | 553 | 4.0 | 0.1 | 5.9 | 488 | 11.1 | 0.3 | 4.5 | 433 | 8.4 | 0.2 | 0.3 | 351 | 0.5 | 0.0 | 950.0 | 18 | 1728.7 | 1.7 |
| 2/3/10 22:30 | 1.9 | 565 | 3.5 | 0.1 | 6.3 | 497 | 11.8 | 0.3 | 5.2 | 440 | 9.7 | 0.2 | 0.2 | 354 | 0.4 | 0.0 | 600.0 | 18 | 1061.1 | 1.1 |
| 2/3/10 23:00 | 2.2 | 565 | 4.0 | 0.1 | 6.6 | 499 | 12.4 | 0.3 | 8.4 | 444 | 15.9 | 0.4 | 0.2 | 361 | 0.4 | 0.0 | 270.0 | 18 | 454.4 | 0.5 |
| 2/3/10 23:30 | 2.0 | 570 | 3.7 | 0.1 | 7.5 | 504 | 14.1 | 0.4 | 10.5 | 448 | 19.9 | 0.5 | 0.3 | 365 | 0.5 | 0.0 | 110.0 | 18 | 175.1 | 0.2 |
| 2/4/10 0:00 | 2.2 | 576 | 4.0 | 0.1 | 8.3 | 508 | 15.7 | 0.4 | 14.5 | 451 | 27.7 | 0.7 | 0.3 | 365 | 0.5 | 0.0 | 250.0 | 18 | 418.7 | 0.4 |
| 2/4/10 0:30 | 2.1 | 588 | 3.9 | 0.1 | 9.6 | 517 | 18.2 | 0.5 | 19.1 | 457 | 36.7 | 0.9 | 0.2 | 368 | 0.4 | 0.0 | 130.0 | 19 | 209.1 | 0.2 |
| 2/4/10 1:00 | 2.5 | 593 | 4.6 | 0.2 | 11.1 | 522 | 21.1 | 0.6 | 22.5 | 462 | 43.3 | 1.1 | 0.2 | 372 | 0.4 | 0.0 | 140.0 | 19 | 226.2 | 0.2 |
| 2/4/10 1:30 | 2.4 | 599 | 4.4 | 0.1 | 13.3 | 526 | 25.4 | 0.7 | 25.8 | 464 | 49.8 | 1.3 | 0.3 | 372 | 0.5 | 0.0 | 190.0 | 19 | 312.9 | 0.3 |
| 2/4/10 2:00 | 2.7 | 599 | 5.0 | 0.2 | 17.2 | 527 | 33.0 | 1.0 | 24.2 | 466 | 46.7 | 1.2 | 0.3 | 375 | 0.5 | 0.0 | 210.0 | 19 | 347.9 | 0.4 |
| 2/4/10 2:30 | 3.3 | 599 | 6.1 | 0.2 | 19.8 | 527 | 38.0 | 1.1 | 14.6 | 466 | 27.9 | 0.7 | 0.3 | 375 | 0.5 | 0.0 | 90.0 | 19 | 141.5 | 0.2 |
| 2/4/10 3:00 | 3.2 | 611 | 5.9 | 0.2 | 21.8 | 535 | 42.0 | 1.3 | 8.8 | 471 | 16.6 | 0.4 | 0.2 | 375 | 0.4 | 0.0 | 51.0 | 19 | 77.4 | 0.1 |
| 2/4/10 3:30 | 3.2 | 611 | 5.9 | 0.2 | 23.3 | 535 | 44.9 | 1.4 | 7.5 | 471 | 14.1 | 0.4 | 0.2 | 375 | 0.4 | 0.0 | 45.0 | 19 | 67.8 | 0.1 |
| 2/4/10 4:00 | 3.2 | 617 | 5.9 | 0.2 | 18.5 | 540 | 35.5 | 1.1 | 6.2 | 476 | 11.6 | 0.3 | 0.2 | 379 | 0.4 | 0.0 | 41.0 | 19 | 61.4 | 0.1 |
| 2/4/10 4:30 | 3.2 | 611 | 5.9 | 0.2 | 13.7 | 536 | 26.1 | 0.8 | 5.5 | 473 | 10.3 | 0.3 | 0.2 | 379 | 0.4 | 0.0 | 33.0 | 19 | 48.7 | 0.1 |
| 2/4/10 5:00 | 3.7 | 617 | 6.9 | 0.2 | 11.1 | 540 | 21.1 | 0.6 | 6.7 | 476 | 12.6 | 0.3 | 0.2 | 379 | 0.4 | 0.0 | 30.0 | 19 | 44.0 | 0.0 |
| 2/4/10 5:30 | 4.2 | 617 | 7.8 | 0.3 | 10.3 | 540 | 19.5 | 0.6 | 5.7 | 476 | 10.7 | 0.3 | 0.2 | 379 | 0.4 | 0.0 | 36.0 | 19 | 53.5 | 0.1 |
| 2/4/10 6:00 | 5.2 | 617 | 9.7 | 0.3 | 9.3 | 540 | 17.6 | 0.5 | 4.3 | 476 | 8.0 | 0.2 | 0.2 | 379 | 0.4 | 0.0 | 31.0 | 19 | 45.6 | 0.0 |
| 2/4/10 6:30 | 6.6 | 623 | 12.4 | 0.4 | 9.1 | 544 | 17.2 | 0.5 | 3.3 | 478 | 6.1 | 0.2 | 1.9 | 379 | 3.5 | 0.1 | 33.0 | 19 | 48.7 | 0.1 |
| 2/4/10 7:00 | 7.4 | 617 | 13.9 | 0.5 | 9.3 | 540 | 17.6 | 0.5 | 2.1 | 476 | 3.9 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 40.0 | 19 | 59.8 | 0.1 |
| 2/4/10 7:30 | 9.9 | 617 | 18.8 | 0.7 | 8.2 | 540 | 15.5 | 0.5 | 1.9 | 476 | 3.5 | 0.1 | 0.3 | 379 | 0.5 | 0.0 | 29.0 | 19 | 42.5 | 0.0 |
| 2/4/10 8:00 | 11.0 | 617 | 20.9 | 0.7 | 7.3 | 540 | 13.7 | 0.4 | 1.6 | 476 | 2.9 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 25.0 | 19 | 36.3 | 0.0 |
| 2/4/10 8:30 | 13.0 | 623 | 24.8 | 0.9 | 6.3 | 544 | 11.8 | 0.4 | 2.5 | 478 | 4.6 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 380.0 | 19 | 653.2 | 0.7 |
| 2/4/10 9:00 | 14.0 | 617 | 26.7 | 0.9 | 6.1 | 540 | 11.4 | 0.3 | 1.5 | 476 | 2.7 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 160.0 | 19 | 260.7 | 0.3 |
| 2/4/10 9:30 | 12.0 | 617 | 22.8 | 0.8 | 5.5 | 540 | 10.3 | 0.3 | 1.5 | 476 | 2.7 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 82.0 | 19 | 128.2 | 0.1 |
| 2/4/10 10:00 | 9.1 | 617 | 17.2 | 0.6 | 6.0 | 540 | 11.3 | 0.3 | 1.3 | 476 | 2.4 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 57.0 | 19 | 87.1 | 0.1 |
| 2/4/10 10:30 | 7.4 | 617 | 13.9 | 0.5 | 5.3 | 539 | 9.9 | 0.3 | 1.6 | 474 | 2.9 | 0.1 | 0.2 | 375 | 0.4 | 0.0 | 50.0 | 19 | 75.8 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/4/10 11:00 | 6.1 | 617 | 11.4 | 0.4 | 5.7 | 539 | 10.7 | 0.3 | 1.5 | 474 | 2.7 | 0.1 | 0.2 | 375 | 0.4 | 0.0 | 37.0 | 19 | 55.0 | 0.1 |
| 2/4/10 11:30 | 5.3 | 617 | 9.9 | 0.3 | 5.6 | 539 | 10.5 | 0.3 | 3.0 | 474 | 5.6 | 0.1 | 0.2 | 375 | 0.4 | 0.0 | 34.0 | 19 | 50.3 | 0.1 |
| 2/4/10 12:00 | 4.8 | 617 | 9.0 | 0.3 | 5.5 | 539 | 10.3 | 0.3 | 6.7 | 474 | 12.6 | 0.3 | 0.2 | 375 | 0.4 | 0.0 | 27.0 | 19 | 39.4 | 0.0 |
| 2/4/10 12:30 | 5.3 | 617 | 9.9 | 0.3 | 6.1 | 539 | 11.4 | 0.3 | 5.6 | 474 | 10.5 | 0.3 | 0.3 | 375 | 0.5 | 0.0 | 26.0 | 19 | 37.8 | 0.0 |
| 2/4/10 13:00 | 4.6 | 617 | 8.6 | 0.3 | 6.1 | 539 | 11.4 | 0.3 | 3.8 | 474 | 7.1 | 0.2 | 0.2 | 375 | 0.4 | 0.0 | 23.0 | 19 | 33.2 | 0.0 |
| 2/4/10 13:30 | 3.7 | 617 | 6.9 | 0.2 | 8.1 | 539 | 15.3 | 0.5 | 2.6 | 474 | 4.8 | 0.1 | 0.3 | 375 | 0.5 | 0.0 | 20.0 | 19 | 28.6 | 0.0 |
| 2/4/10 14:00 | 3.2 | 617 | 5.9 | 0.2 | 8.9 | 539 | 16.8 | 0.5 | 2.0 | 474 | 3.7 | 0.1 | 0.2 | 375 | 0.4 | 0.0 | 40.0 | 19 | 59.8 | 0.1 |
| 2/4/10 14:30 | 3.3 | 617 | 6.1 | 0.2 | 8.0 | 539 | 15.1 | 0.5 | 1.7 | 474 | 3.1 | 0.1 | 0.3 | 375 | 0.5 | 0.0 | 33.0 | 19 | 48.7 | 0.1 |
| 2/4/10 15:00 | 2.4 | 617 | 4.4 | 0.2 | 7.7 | 538 | 14.5 | 0.4 | 2.7 | 471 | 5.0 | 0.1 | 0.2 | 372 | 0.4 | 0.0 | 19.0 | 19 | 27.1 | 0.0 |
| 2/4/10 15:30 | 2.5 | 617 | 4.6 | 0.2 | 6.6 | 539 | 12.4 | 0.4 | 1.3 | 474 | 2.4 | 0.1 | 0.2 | 375 | 0.4 | 0.0 | 15.0 | 19 | 21.1 | 0.0 |
| 2/4/10 16:00 | 2.4 | 617 | 4.4 | 0.2 | 6.1 | 539 | 11.4 | 0.3 | 1.3 | 474 | 2.4 | 0.1 | 0.3 | 375 | 0.5 | 0.0 | 15.0 | 19 | 21.1 | 0.0 |
| 2/4/10 16:30 | 2.4 | 617 | 4.4 | 0.2 | 5.9 | 539 | 11.1 | 0.3 | 1.2 | 474 | 2.2 | 0.1 | 0.3 | 375 | 0.5 | 0.0 | 18.0 | 19 | 25.6 | 0.0 |
| 2/4/10 17:00 | 2.4 | 617 | 4.4 | 0.2 | 5.9 | 540 | 11.1 | 0.3 | 1.2 | 476 | 2.2 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 17.0 | 19 | 24.1 | 0.0 |
| 2/4/10 17:30 | 2.4 | 617 | 4.4 | 0.2 | 5.7 | 541 | 10.7 | 0.3 | 1.5 | 478 | 2.7 | 0.1 | 0.3 | 382 | 0.5 | 0.0 | 23.0 | 19 | 33.2 | 0.0 |
| 2/4/10 18:00 | 2.6 | 611 | 4.8 | 0.2 | 6.0 | 537 | 11.3 | 0.3 | 1.3 | 475 | 2.4 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 46.0 | 19 | 69.4 | 0.1 |
| 2/4/10 18:30 | 3.0 | 611 | 5.6 | 0.2 | 5.7 | 540 | 10.7 | 0.3 | 2.1 | 480 | 3.9 | 0.1 | 0.2 | 390 | 0.4 | 0.0 | 480.0 | 20 | 837.2 | 0.9 |
| 2/4/10 19:00 | 3.7 | 617 | 6.9 | 0.2 | 6.3 | 545 | 11.8 | 0.4 | 1.1 | 484 | 2.0 | 0.1 | 0.2 | 393 | 0.4 | 0.0 | 430.0 | 20 | 744.9 | 0.8 |
| 2/4/10 19:30 | 3.9 | 617 | 7.3 | 0.3 | 6.0 | 545 | 11.3 | 0.3 | 0.9 | 484 | 1.6 | 0.0 | 0.3 | 393 | 0.5 | 0.0 | 990.0 | 20 | 1806.1 | 2.0 |
| 2/4/10 20:00 | 4.2 | 617 | 7.8 | 0.3 | 5.8 | 546 | 10.9 | 0.3 | 1.6 | 486 | 2.9 | 0.1 | 0.2 | 397 | 0.4 | 0.0 | 410.0 | 20 | 708.1 | 0.8 |
| 2/4/10 20:30 | 3.7 | 623 | 6.9 | 0.2 | 6.1 | 552 | 11.4 | 0.4 | 1.1 | 493 | 2.0 | 0.1 | 0.2 | 404 | 0.4 | 0.0 | 240.0 | 20 | 401.0 | 0.5 |
| 2/4/10 21:00 | 3.6 | 629 | 6.7 | 0.2 | 6.1 | 557 | 11.4 | 0.4 | 1.6 | 496 | 2.9 | 0.1 | 0.2 | 404 | 0.4 | 0.0 | 180.0 | 20 | 295.4 | 0.3 |
| 2/4/10 21:30 | 3.1 | 623 | 5.7 | 0.2 | 5.7 | 555 | 10.7 | 0.3 | 8.2 | 498 | 15.5 | 0.4 | 0.7 | 412 | 1.3 | 0.0 | 80.0 | 21 | 124.8 | 0.1 |
| 2/4/10 22:00 | 2.7 | 623 | 5.0 | 0.2 | 5.6 | 556 | 10.5 | 0.3 | 18.3 | 500 | 35.1 | 1.0 | 0.6 | 416 | 1.1 | 0.0 | 69.0 | 21 | 106.7 | 0.1 |
| 2/4/10 22:30 | 2.5 | 623 | 4.6 | 0.2 | 6.1 | 557 | 11.4 | 0.4 | 25.0 | 502 | 48.3 | 1.4 | 0.2 | 419 | 0.4 | 0.0 | 50.0 | 21 | 75.8 | 0.1 |
| 2/4/10 23:00 | 2.6 | 635 | 4.8 | 0.2 | 9.0 | 567 | 17.0 | 0.5 | 26.0 | 509 | 50.2 | 1.4 | 1.4 | 423 | 2.6 | 0.1 | 43.0 | 21 | 64.6 | 0.1 |
| 2/4/10 23:30 | 2.2 | 635 | 4.0 | 0.1 | 15.3 | 568 | 29.2 | 0.9 | 17.4 | 512 | 33.3 | 1.0 | 0.2 | 427 | 0.4 | 0.0 | 37.0 | 21 | 55.0 | 0.1 |
| 2/5/10 0:00 | 2.2 | 635 | 4.0 | 0.1 | 21.5 | 568 | 41.4 | 1.3 | 10.9 | 512 | 20.7 | 0.6 | 0.2 | 427 | 0.4 | 0.0 | 32.0 | 21 | 47.2 | 0.1 |
| 2/5/10 0:30 | 2.4 | 647 | 4.4 | 0.2 | 26.0 | 576 | 50.2 | 1.6 | 6.0 | 517 | 11.3 | 0.3 | 0.2 | 427 | 0.4 | 0.0 | 42.0 | 21 | 63.0 | 0.1 |
| 2/5/10 1:00 | 2.1 | 647 | 3.9 | 0.1 | 21.0 | 576 | 40.4 | 1.3 | 4.3 | 517 | 8.0 | 0.2 | 0.3 | 427 | 0.5 | 0.0 | 79.0 | 21 | 123.2 | 0.1 |
| 2/5/10 1:30 | 2.1 | 641 | 3.9 | 0.1 | 14.6 | 571 | 27.9 | 0.9 | 2.7 | 512 | 5.0 | 0.1 | 0.3 | 423 | 0.5 | 0.0 | 110.0 | 21 | 175.1 | 0.2 |
| 2/5/10 2:00 | 2.3 | 653 | 4.2 | 0.2 | 11.8 | 581 | 22.4 | 0.7 | 2.2 | 519 | 4.0 | 0.1 | 0.1 | 427 | 0.2 | 0.0 | 160.0 | 21 | 260.7 | 0.3 |
| 2/5/10 2:30 | 2.1 | 660 | 3.9 | 0.1 | 8.9 | 586 | 16.8 | 0.6 | 1.7 | 524 | 3.1 | 0.1 | 0.2 | 431 | 0.4 | 0.0 | 260.0 | 22 | 436.5 | 0.5 |
| 2/5/10 3:00 | 2.1 | 653 | 3.9 | 0.1 | 7.6 | 583 | 14.3 | 0.5 | 1.5 | 524 | 2.7 | 0.1 | 0.3 | 435 | 0.5 | 0.0 | 610.0 | 22 | 1079.9 | 1.3 |
| 2/5/10 3:30 | 2.3 | 660 | 4.2 | 0.2 | 7.1 | 587 | 13.4 | 0.4 | 1.6 | 526 | 2.9 | 0.1 | 0.2 | 435 | 0.4 | 0.0 | 300.0 | 22 | 508.2 | 0.6 |
| 2/5/10 4:00 | 3.2 | 660 | 5.9 | 0.2 | 6.6 | 589 | 12.4 | 0.4 | 2.0 | 529 | 3.7 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 150.0 | 22 | 243.4 | 0.3 |
| 2/5/10 4:30 | 5.3 | 660 | 9.9 | 0.4 | 6.5 | 589 | 12.2 | 0.4 | 3.1 | 529 | 5.7 | 0.2 | 0.6 | 439 | 1.1 | 0.0 | 430.0 | 22 | 744.9 | 0.9 |
| 2/5/10 5:00 | 9.1 | 667 | 17.2 | 0.6 | 6.6 | 594 | 12.4 | 0.4 | 4.1 | 534 | 7.6 | 0.2 | 0.3 | 443 | 0.5 | 0.0 | 140.0 | 22 | 226.2 | 0.3 |
| 2/5/10 5:30 | 12.0 | 660 | 22.8 | 0.8 | 6.6 | 590 | 12.4 | 0.4 | 6.4 | 531 | 12.0 | 0.4 | 0.2 | 443 | 0.4 | 0.0 | 76.0 | 22 | 118.2 | 0.1 |
| 2/5/10 6:00 | 14.0 | 667 | 26.7 | 1.0 | 7.1 | 594 | 13.4 | 0.4 | 10.4 | 534 | 19.7 | 0.6 | 0.3 | 443 | 0.5 | 0.0 | 53.0 | 22 | 80.6 | 0.1 |
| 2/5/10 6:30 | 11.0 | 667 | 20.9 | 0.8 | 8.0 | 594 | 15.1 | 0.5 | 10.5 | 534 | 19.9 | 0.6 | 0.3 | 443 | 0.5 | 0.0 | 36.0 | 22 | 53.5 | 0.1 |
| 2/5/10 7:00 | 8.4 | 667 | 15.9 | 0.6 | 9.4 | 596 | 17.8 | 0.6 | 8.1 | 536 | 15.3 | 0.5 | 0.3 | 447 | 0.5 | 0.0 | 30.0 | 22 | 44.0 | 0.1 |
| 2/5/10 7:30 | 6.2 | 667 | 11.6 | 0.4 | 12.9 | 597 | 24.6 | 0.8 | 8.0 | 538 | 15.1 | 0.5 | 0.3 | 450 | 0.5 | 0.0 | 300.0 | 23 | 508.2 | 0.6 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/5/10 8:00 | 5.5 | 667 | 10.3 | 0.4 | 13.8 | 596 | 26.3 | 0.9 | 7.2 | 536 | 13.6 | 0.4 | 0.3 | 447 | 0.5 | 0.0 | 160.0 | 22 | 260.7 | 0.3 |
| 2/5/10 8:30 | 3.7 | 667 | 6.9 | 0.3 | 12.5 | 596 | 23.8 | 0.8 | 4.6 | 536 | 8.6 | 0.3 | 0.2 | 447 | 0.4 | 0.0 | 180.0 | 22 | 295.4 | 0.4 |
| 2/5/10 9:00 | 3.1 | 673 | 5.7 | 0.2 | 12.5 | 599 | 23.8 | 0.8 | 3.2 | 536 | 5.9 | 0.2 | 0.2 | 443 | 0.4 | 0.0 | 63.0 | 22 | 96.9 | 0.1 |
| 2/5/10 9:30 | 3.0 | 673 | 5.6 | 0.2 | 11.3 | 601 | 21.5 | 0.7 | 2.0 | 541 | 3.7 | 0.1 | 0.2 | 450 | 0.4 | 0.0 | 60.0 | 23 | 92.0 | 0.1 |
| 2/5/10 10:00 | 3.1 | 667 | 5.7 | 0.2 | 10.1 | 597 | 19.1 | 0.6 | 2.1 | 538 | 3.9 | 0.1 | 0.2 | 450 | 0.4 | 0.0 | 80.0 | 23 | 124.8 | 0.2 |
| 2/5/10 10:30 | 2.6 | 673 | 4.8 | 0.2 | 7.6 | 600 | 14.3 | 0.5 | 4.2 | 539 | 7.8 | 0.2 | 0.2 | 447 | 0.4 | 0.0 | 43.0 | 22 | 64.6 | 0.1 |
| 2/5/10 11:00 | 2.8 | 680 | 5.2 | 0.2 | 7.1 | 606 | 13.4 | 0.5 | 5.1 | 544 | 9.5 | 0.3 | 0.2 | 450 | 0.4 | 0.0 | 28.0 | 23 | 40.9 | 0.1 |
| 2/5/10 11:30 | 3.7 | 680 | 6.9 | 0.3 | 6.6 | 605 | 12.4 | 0.4 | 4.5 | 541 | 8.4 | 0.3 | 0.3 | 447 | 0.5 | 0.0 | 26.0 | 22 | 37.8 | 0.0 |
| 2/5/10 12:00 | 4.1 | 680 | 7.6 | 0.3 | 7.9 | 605 | 14.9 | 0.5 | 3.3 | 541 | 6.1 | 0.2 | 0.2 | 447 | 0.4 | 0.0 | 21.0 | 22 | 30.2 | 0.0 |
| 2/5/10 12:30 | 5.5 | 673 | 10.3 | 0.4 | 9.0 | 600 | 17.0 | 0.6 | 2.8 | 539 | 5.2 | 0.2 | 0.2 | 447 | 0.4 | 0.0 | 28.0 | 22 | 40.9 | 0.1 |
| 2/5/10 13:00 | 6.9 | 673 | 13.0 | 0.5 | 11.1 | 600 | 21.1 | 0.7 | 2.7 | 539 | 5.0 | 0.2 | 0.3 | 447 | 0.5 | 0.0 | 23.0 | 22 | 33.2 | 0.0 |
| 2/5/10 13:30 | 6.8 | 673 | 12.8 | 0.5 | 8.3 | 599 | 15.7 | 0.5 | 2.0 | 536 | 3.7 | 0.1 | 0.3 | 443 | 0.5 | 0.0 | 20.0 | 22 | 28.6 | 0.0 |
| 2/5/10 14:00 | 6.7 | 673 | 12.6 | 0.5 | 7.3 | 600 | 13.7 | 0.5 | 1.5 | 539 | 2.7 | 0.1 | 1.1 | 447 | 2.0 | 0.1 | 23.0 | 22 | 33.2 | 0.0 |
| 2/5/10 14:30 | 6.2 | 673 | 11.6 | 0.4 | 8.2 | 599 | 15.5 | 0.5 | 1.6 | 536 | 2.9 | 0.1 | 0.4 | 443 | 0.7 | 0.0 | 18.0 | 22 | 25.6 | 0.0 |
| 2/5/10 15:00 | 5.7 | 673 | 10.7 | 0.4 | 7.1 | 599 | 13.4 | 0.4 | 1.2 | 536 | 2.2 | 0.1 | 0.3 | 443 | 0.5 | 0.0 | 18.0 | 22 | 25.6 | 0.0 |
| 2/5/10 15:30 | 4.6 | 660 | 8.6 | 0.3 | 6.6 | 590 | 12.4 | 0.4 | 1.2 | 531 | 2.2 | 0.1 | 0.2 | 443 | 0.4 | 0.0 | 15.0 | 22 | 21.1 | 0.0 |
| 2/5/10 16:00 | 3.6 | 673 | 6.7 | 0.3 | 6.4 | 599 | 12.0 | 0.4 | 1.2 | 536 | 2.2 | 0.1 | 0.2 | 443 | 0.4 | 0.0 | 16.0 | 22 | 22.6 | 0.0 |
| 2/5/10 16:30 | 3.2 | 667 | 5.9 | 0.2 | 6.3 | 593 | 11.8 | 0.4 | 1.0 | 531 | 1.8 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 15.0 | 22 | 21.1 | 0.0 |
| 2/5/10 17:00 | 3.2 | 667 | 5.9 | 0.2 | 6.1 | 593 | 11.4 | 0.4 | 1.0 | 531 | 1.8 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 16.0 | 22 | 22.6 | 0.0 |
| 2/5/10 17:30 | 3.9 | 667 | 7.3 | 0.3 | 6.6 | 593 | 12.4 | 0.4 | 1.0 | 531 | 1.8 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 14.0 | 22 | 19.6 | 0.0 |
| 2/5/10 18:00 | 5.2 | 667 | 9.7 | 0.4 | 6.1 | 593 | 11.4 | 0.4 | 0.9 | 531 | 1.6 | 0.0 | 0.2 | 439 | 0.4 | 0.0 | 13.0 | 22 | 18.1 | 0.0 |
| 2/5/10 18:30 | 4.2 | 667 | 7.8 | 0.3 | 6.5 | 593 | 12.2 | 0.4 | 0.8 | 531 | 1.4 | 0.0 | 0.2 | 439 | 0.4 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/5/10 19:00 | 3.7 | 667 | 6.9 | 0.3 | 6.0 | 592 | 11.3 | 0.4 | 0.7 | 529 | 1.3 | 0.0 | 0.2 | 435 | 0.4 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/5/10 19:30 | 3.2 | 667 | 5.9 | 0.2 | 6.6 | 591 | 12.4 | 0.4 | 1.7 | 527 | 3.1 | 0.1 | 0.2 | 431 | 0.4 | 0.0 | 14.0 | 22 | 19.6 | 0.0 |
| 2/5/10 20:00 | 3.2 | 660 | 5.9 | 0.2 | 6.0 | 587 | 11.3 | 0.4 | 0.9 | 526 | 1.6 | 0.0 | 0.2 | 435 | 0.4 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/5/10 20:30 | 3.0 | 660 | 5.6 | 0.2 | 6.1 | 586 | 11.4 | 0.4 | 0.9 | 524 | 1.6 | 0.0 | 0.2 | 431 | 0.4 | 0.0 | 13.0 | 22 | 18.1 | 0.0 |
| 2/5/10 21:00 | 2.4 | 660 | 4.4 | 0.2 | 5.8 | 585 | 10.9 | 0.4 | 1.0 | 522 | 1.8 | 0.1 | 0.3 | 427 | 0.5 | 0.0 | 12.0 | 21 | 16.6 | 0.0 |
| 2/5/10 21:30 | 2.6 | 653 | 4.8 | 0.2 | 6.1 | 581 | 11.4 | 0.4 | 0.9 | 519 | 1.6 | 0.0 | 0.2 | 427 | 0.4 | 0.0 | 9.9 | 21 | 13.6 | 0.0 |
| 2/5/10 22:00 | 2.1 | 660 | 3.9 | 0.1 | 6.1 | 585 | 11.4 | 0.4 | 0.9 | 522 | 1.6 | 0.0 | 0.2 | 427 | 0.4 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/5/10 22:30 | 2.3 | 653 | 4.2 | 0.2 | 6.1 | 579 | 11.4 | 0.4 | 0.9 | 517 | 1.6 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/5/10 23:00 | 2.3 | 647 | 4.2 | 0.2 | 6.0 | 575 | 11.3 | 0.4 | 1.0 | 514 | 1.8 | 0.1 | 0.2 | 423 | 0.4 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/5/10 23:30 | 2.1 | 653 | 3.9 | 0.1 | 6.1 | 578 | 11.4 | 0.4 | 1.0 | 515 | 1.8 | 0.1 | 0.2 | 419 | 0.4 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |
| 2/6/10 0:00 | 2.1 | 653 | 3.9 | 0.1 | 6.3 | 578 | 11.8 | 0.4 | 0.9 | 515 | 1.6 | 0.0 | 0.2 | 419 | 0.4 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |
| 2/6/10 0:30 | 2.1 | 647 | 3.9 | 0.1 | 6.0 | 574 | 11.3 | 0.4 | 0.7 | 512 | 1.3 | 0.0 | 0.4 | 419 | 0.7 | 0.0 | 8.6 | 21 | 11.7 | 0.0 |
| 2/6/10 1:00 | 2.0 | 641 | 3.7 | 0.1 | 6.3 | 570 | 11.8 | 0.4 | 1.2 | 510 | 2.2 | 0.1 | 0.3 | 419 | 0.5 | 0.0 | 10.0 | 21 | 13.7 | 0.0 |
| 2/6/10 1:30 | 2.1 | 647 | 3.9 | 0.1 | 5.9 | 572 | 11.1 | 0.4 | 0.8 | 510 | 1.4 | 0.0 | 0.2 | 416 | 0.4 | 0.0 | 9.6 | 21 | 13.1 | 0.0 |
| 2/6/10 2:00 | 2.2 | 641 | 4.0 | 0.1 | 5.9 | 567 | 11.1 | 0.4 | 0.8 | 505 | 1.4 | 0.0 | 0.8 | 412 | 1.4 | 0.0 | 9.7 | 21 | 13.3 | 0.0 |
| 2/6/10 2:30 | 2.6 | 641 | 4.8 | 0.2 | 5.7 | 567 | 10.7 | 0.3 | 0.7 | 505 | 1.3 | 0.0 | 0.2 | 412 | 0.4 | 0.0 | 9.5 | 21 | 13.0 | 0.0 |
| 2/6/10 3:00 | 2.6 | 641 | 4.8 | 0.2 | 6.0 | 567 | 11.3 | 0.4 | 0.7 | 505 | 1.3 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |
| 2/6/10 3:30 | 2.1 | 635 | 3.9 | 0.1 | 5.9 | 562 | 11.1 | 0.3 | 0.6 | 500 | 1.1 | 0.0 | 0.2 | 408 | 0.4 | 0.0 | 12.0 | 21 | 16.6 | 0.0 |
| 2/6/10 4:00 | 2.1 | 635 | 3.9 | 0.1 | 6.0 | 563 | 11.3 | 0.4 | 1.3 | 503 | 2.4 | 0.1 | 0.2 | 412 | 0.4 | 0.0 | 10.0 | 21 | 13.7 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/6/10 4:30 | 2.0 | 635 | 3.7 | 0.1 | 5.8 | 562 | 10.9 | 0.3 | 0.6 | 500 | 1.1 | 0.0 | 0.2 | 408 | 0.4 | 0.0 | 9.5 | 21 | 13.0 | 0.0 |
| 2/6/10 5:00 | 2.1 | 635 | 3.9 | 0.1 | 5.9 | 562 | 11.1 | 0.3 | 0.8 | 500 | 1.4 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 8.7 | 21 | 11.8 | 0.0 |
| 2/6/10 5:30 | 2.5 | 629 | 4.6 | 0.2 | 5.8 | 557 | 10.9 | 0.3 | 0.8 | 496 | 1.4 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 8.3 | 20 | 11.3 | 0.0 |
| 2/6/10 6:00 | 2.1 | 629 | 3.9 | 0.1 | 6.3 | 557 | 11.8 | 0.4 | 0.7 | 496 | 1.3 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 11.0 | 20 | 15.2 | 0.0 |
| 2/6/10 6:30 | 2.0 | 629 | 3.7 | 0.1 | 5.9 | 557 | 11.1 | 0.3 | 0.6 | 496 | 1.1 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 7.8 | 20 | 10.5 | 0.0 |
| 2/6/10 7:00 | 2.1 | 629 | 3.9 | 0.1 | 6.4 | 555 | 12.0 | 0.4 | 0.7 | 493 | 1.3 | 0.0 | 0.2 | 401 | 0.4 | 0.0 | 7.5 | 20 | 10.1 | 0.0 |
| 2/6/10 7:30 | 2.3 | 629 | 4.2 | 0.1 | 6.0 | 555 | 11.3 | 0.4 | 0.7 | 493 | 1.3 | 0.0 | 0.2 | 401 | 0.4 | 0.0 | 8.7 | 20 | 11.8 | 0.0 |
| 2/6/10 8:00 | 2.2 | 623 | 4.0 | 0.1 | 6.2 | 550 | 11.6 | 0.4 | 0.6 | 489 | 1.1 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 8.6 | 20 | 11.7 | 0.0 |
| 2/6/10 8:30 | 2.2 | 623 | 4.0 | 0.1 | 6.3 | 550 | 11.8 | 0.4 | 0.7 | 489 | 1.3 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 8.1 | 20 | 11.0 | 0.0 |
| 2/6/10 9:00 | 2.1 | 623 | 3.9 | 0.1 | 6.0 | 550 | 11.3 | 0.3 | 0.9 | 489 | 1.6 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 7.1 | 20 | 9.5 | 0.0 |
| 2/6/10 9:30 | 1.8 | 617 | 3.3 | 0.1 | 6.0 | 545 | 11.3 | 0.3 | 0.8 | 484 | 1.4 | 0.0 | 0.2 | 393 | 0.4 | 0.0 | 6.6 | 20 | 8.8 | 0.0 |
| 2/6/10 10:00 | 2.0 | 611 | 3.7 | 0.1 | 6.0 | 541 | 11.3 | 0.3 | 1.0 | 482 | 1.8 | 0.0 | 0.3 | 393 | 0.5 | 0.0 | 6.8 | 20 | 9.1 | 0.0 |
| 2/6/10 10:30 | 1.9 | 617 | 3.5 | 0.1 | 6.0 | 544 | 11.3 | 0.3 | 0.7 | 482 | 1.3 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 6.6 | 20 | 8.8 | 0.0 |
| 2/6/10 11:00 | 3.4 | 611 | 6.3 | 0.2 | 6.5 | 540 | 12.2 | 0.4 | 1.0 | 480 | 1.8 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 7.2 | 20 | 9.7 | 0.0 |
| 2/6/10 11:30 | 2.0 | 611 | 3.7 | 0.1 | 6.0 | 540 | 11.3 | 0.3 | 0.9 | 480 | 1.6 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 7.8 | 20 | 10.5 | 0.0 |
| 2/6/10 12:00 | 2.0 | 611 | 3.7 | 0.1 | 5.7 | 538 | 10.7 | 0.3 | 0.9 | 478 | 1.6 | 0.0 | 0.2 | 386 | 0.4 | 0.0 | 6.9 | 19 | 9.2 | 0.0 |
| 2/6/10 12:30 | 2.0 | 605 | 3.7 | 0.1 | 5.7 | 536 | 10.7 | 0.3 | 1.0 | 477 | 1.8 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 6.9 | 20 | 9.2 | 0.0 |
| 2/6/10 13:00 | 1.9 | 611 | 3.5 | 0.1 | 6.8 | 538 | 12.8 | 0.4 | 0.9 | 478 | 1.6 | 0.0 | 0.3 | 386 | 0.5 | 0.0 | 8.7 | 19 | 11.8 | 0.0 |
| 2/6/10 13:30 | 2.0 | 605 | 3.7 | 0.1 | 6.4 | 533 | 12.0 | 0.4 | 0.7 | 473 | 1.3 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 8.0 | 19 | 10.8 | 0.0 |
| 2/6/10 14:00 | 2.1 | 605 | 3.9 | 0.1 | 6.0 | 533 | 11.3 | 0.3 | 0.6 | 473 | 1.1 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 7.6 | 19 | 10.2 | 0.0 |
| 2/6/10 14:30 | 2.1 | 605 | 3.9 | 0.1 | 6.1 | 533 | 11.4 | 0.3 | 1.4 | 473 | 2.6 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 6.9 | 19 | 9.2 | 0.0 |
| 2/6/10 15:00 | 1.9 | 605 | 3.5 | 0.1 | 5.9 | 533 | 11.1 | 0.3 | 0.8 | 473 | 1.4 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 6.5 | 19 | 8.7 | 0.0 |
| 2/6/10 15:30 | 2.1 | 599 | 3.9 | 0.1 | 6.3 | 529 | 11.8 | 0.4 | 0.7 | 471 | 1.3 | 0.0 | 0.2 | 382 | 0.4 | 0.0 | 6.9 | 19 | 9.2 | 0.0 |
| 2/6/10 16:00 | 2.0 | 599 | 3.7 | 0.1 | 5.9 | 528 | 11.1 | 0.3 | 0.9 | 468 | 1.6 | 0.0 | 0.2 | 379 | 0.4 | 0.0 | 7.5 | 19 | 10.1 | 0.0 |
| 2/6/10 16:30 | 2.3 | 599 | 4.2 | 0.1 | 6.0 | 528 | 11.3 | 0.3 | 0.7 | 468 | 1.3 | 0.0 | 0.2 | 379 | 0.4 | 0.0 | 9.4 | 19 | 12.8 | 0.0 |
| 2/6/10 17:00 | 2.2 | 599 | 4.0 | 0.1 | 6.3 | 528 | 11.8 | 0.4 | 0.7 | 468 | 1.3 | 0.0 | 0.9 | 379 | 1.6 | 0.0 | 12.0 | 19 | 16.6 | 0.0 |
| 2/6/10 17:30 | 1.8 | 599 | 3.3 | 0.1 | 6.3 | 528 | 11.8 | 0.4 | 1.3 | 468 | 2.4 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 22.0 | 19 | 31.7 | 0.0 |
| 2/6/10 18:00 | 1.9 | 599 | 3.5 | 0.1 | 6.0 | 528 | 11.3 | 0.3 | 1.9 | 468 | 3.5 | 0.1 | 0.2 | 379 | 0.4 | 0.0 | 64.0 | 19 | 98.5 | 0.1 |
| 2/6/10 18:30 | 1.9 | 593 | 3.5 | 0.1 | 6.4 | 524 | 12.0 | 0.4 | 0.6 | 466 | 1.1 | 0.0 | 0.3 | 379 | 0.5 | 0.0 | 46.0 | 19 | 69.4 | 0.1 |
| 2/6/10 19:00 | 2.0 | 599 | 3.7 | 0.1 | 6.2 | 527 | 11.6 | 0.3 | 0.7 | 466 | 1.3 | 0.0 | 0.2 | 375 | 0.4 | 0.0 | 56.0 | 19 | 85.5 | 0.1 |
| 2/6/10 19:30 | 1.9 | 593 | 3.5 | 0.1 | 5.9 | 522 | 11.1 | 0.3 | 0.7 | 462 | 1.3 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 56.0 | 19 | 85.5 | 0.1 |
| 2/6/10 20:00 | 2.0 | 599 | 3.7 | 0.1 | 6.0 | 527 | 11.3 | 0.3 | 0.7 | 466 | 1.3 | 0.0 | 0.2 | 375 | 0.4 | 0.0 | 28.0 | 19 | 40.9 | 0.0 |
| 2/6/10 20:30 | 2.0 | 599 | 3.7 | 0.1 | 6.0 | 526 | 11.3 | 0.3 | 0.8 | 464 | 1.4 | 0.0 | 0.2 | 372 | 0.4 | 0.0 | 19.0 | 19 | 27.1 | 0.0 |
| 2/6/10 21:00 | 1.9 | 593 | 3.5 | 0.1 | 6.2 | 522 | 11.6 | 0.3 | 1.1 | 462 | 2.0 | 0.1 | 0.2 | 372 | 0.4 | 0.0 | 18.0 | 19 | 25.6 | 0.0 |
| 2/6/10 21:30 | 2.0 | 593 | 3.7 | 0.1 | 6.1 | 522 | 11.4 | 0.3 | 1.6 | 462 | 2.9 | 0.1 | 0.3 | 372 | 0.5 | 0.0 | 29.0 | 19 | 42.5 | 0.0 |
| 2/6/10 22:00 | 2.0 | 593 | 3.7 | 0.1 | 6.2 | 521 | 11.6 | 0.3 | 1.7 | 460 | 3.1 | 0.1 | 0.3 | 368 | 0.5 | 0.0 | 23.0 | 19 | 33.2 | 0.0 |
| 2/6/10 22:30 | 2.0 | 588 | 3.7 | 0.1 | 6.6 | 517 | 12.4 | 0.4 | 1.8 | 457 | 3.3 | 0.1 | 0.2 | 368 | 0.4 | 0.0 | 17.0 | 19 | 24.1 | 0.0 |
| 2/6/10 23:00 | 2.0 | 593 | 3.7 | 0.1 | 6.9 | 520 | 13.0 | 0.4 | 1.9 | 458 | 3.5 | 0.1 | 0.2 | 365 | 0.4 | 0.0 | 24.0 | 18 | 34.8 | 0.0 |
| 2/6/10 23:30 | 2.0 | 588 | 3.7 | 0.1 | 7.2 | 517 | 13.6 | 0.4 | 1.8 | 457 | 3.3 | 0.1 | 0.2 | 368 | 0.4 | 0.0 | 20.0 | 19 | 28.6 | 0.0 |
| 2/7/10 0:00 | 2.0 | 582 | 3.7 | 0.1 | 7.5 | 512 | 14.1 | 0.4 | 1.2 | 453 | 2.2 | 0.1 | 0.2 | 365 | 0.4 | 0.0 | 15.0 | 18 | 21.1 | 0.0 |
| 2/7/10 0:30 | 2.0 | 582 | 3.7 | 0.1 | 7.1 | 511 | 13.4 | 0.4 | 0.9 | 451 | 1.6 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 15.0 | 18 | 21.1 | 0.0 |
| 2/7/10 1:00 | 1.9 | 582 | 3.5 | 0.1 | 7.4 | 511 | 13.9 | 0.4 | 1.1 | 451 | 2.0 | 0.1 | 0.2 | 361 | 0.4 | 0.0 | 11.0 | 18 | 15.2 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/7/10 1:30 | 2.0 | 576 | 3.7 | 0.1 | 6.9 | 507 | 13.0 | 0.4 | 1.0 | 449 | 1.8 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 10.0 | 18 | 13.7 | 0.0 |
| 2/7/10 2:00 | 2.0 | 576 | 3.7 | 0.1 | 7.1 | 507 | 13.4 | 0.4 | 0.9 | 449 | 1.6 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 9.8 | 18 | 13.4 | 0.0 |
| 2/7/10 2:30 | 1.9 | 576 | 3.5 | 0.1 | 6.9 | 506 | 13.0 | 0.4 | 0.9 | 447 | 1.6 | 0.0 | 0.2 | 358 | 0.4 | 0.0 | 10.0 | 18 | 13.7 | 0.0 |
| 2/7/10 3:00 | 2.0 | 570 | 3.7 | 0.1 | 7.1 | 502 | 13.4 | 0.4 | 0.9 | 444 | 1.6 | 0.0 | 0.2 | 358 | 0.4 | 0.0 | 9.5 | 18 | 13.0 | 0.0 |
| 2/7/10 3:30 | 2.3 | 565 | 4.2 | 0.1 | 6.6 | 497 | 12.4 | 0.3 | 0.9 | 440 | 1.6 | 0.0 | 0.2 | 354 | 0.4 | 0.0 | 13.0 | 18 | 18.1 | 0.0 |
| 2/7/10 4:00 | 2.1 | 570 | 3.9 | 0.1 | 6.7 | 501 | 12.6 | 0.4 | 1.3 | 442 | 2.4 | 0.1 | 0.2 | 354 | 0.4 | 0.0 | 15.0 | 18 | 21.1 | 0.0 |
| 2/7/10 4:30 | 2.2 | 565 | 4.0 | 0.1 | 6.8 | 496 | 12.8 | 0.4 | 0.7 | 438 | 1.3 | 0.0 | 0.3 | 351 | 0.5 | 0.0 | 13.0 | 18 | 18.1 | 0.0 |
| 2/7/10 5:00 | 2.5 | 570 | 4.6 | 0.1 | 6.8 | 500 | 12.8 | 0.4 | 0.6 | 440 | 1.1 | 0.0 | 0.2 | 351 | 0.4 | 0.0 | 11.0 | 18 | 15.2 | 0.0 |
| 2/7/10 5:30 | 2.8 | 565 | 5.2 | 0.2 | 6.9 | 496 | 13.0 | 0.4 | 0.7 | 438 | 1.3 | 0.0 | 0.2 | 351 | 0.4 | 0.0 | 10.0 | 18 | 13.7 | 0.0 |
| 2/7/10 6:00 | 2.5 | 565 | 4.6 | 0.1 | 6.8 | 496 | 12.8 | 0.4 | 0.7 | 438 | 1.3 | 0.0 | 0.2 | 351 | 0.4 | 0.0 | 8.0 | 18 | 10.8 | 0.0 |
| 2/7/10 6:30 | 2.7 | 559 | 5.0 | 0.2 | 6.7 | 492 | 12.6 | 0.3 | 0.7 | 436 | 1.3 | 0.0 | 0.2 | 351 | 0.4 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 2/7/10 7:00 | 2.5 | 565 | 4.6 | 0.1 | 6.5 | 495 | 12.2 | 0.3 | 0.6 | 436 | 1.1 | 0.0 | 0.2 | 347 | 0.4 | 0.0 | 13.0 | 18 | 18.1 | 0.0 |
| 2/7/10 7:30 | 2.4 | 559 | 4.4 | 0.1 | 6.6 | 491 | 12.4 | 0.3 | 0.8 | 434 | 1.4 | 0.0 | 0.2 | 347 | 0.4 | 0.0 | 12.0 | 18 | 16.6 | 0.0 |
| 2/7/10 8:00 | 2.5 | 559 | 4.6 | 0.1 | 6.6 | 490 | 12.4 | 0.3 | 0.8 | 432 | 1.4 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 2/7/10 8:30 | 2.3 | 559 | 4.2 | 0.1 | 6.3 | 490 | 11.8 | 0.3 | 0.7 | 432 | 1.3 | 0.0 | 0.2 | 344 | 0.4 | 0.0 | 9.3 | 17 | 12.7 | 0.0 |
| 2/7/10 9:00 | 2.5 | 559 | 4.6 | 0.1 | 6.5 | 490 | 12.2 | 0.3 | 0.7 | 432 | 1.3 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 7.2 | 17 | 9.7 | 0.0 |
| 2/7/10 9:30 | 2.3 | 553 | 4.2 | 0.1 | 6.3 | 486 | 11.8 | 0.3 | 0.8 | 429 | 1.4 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 8.5 | 17 | 11.5 | 0.0 |
| 2/7/10 10:00 | 2.3 | 553 | 4.2 | 0.1 | 6.5 | 486 | 12.2 | 0.3 | 0.7 | 429 | 1.3 | 0.0 | 0.2 | 344 | 0.4 | 0.0 | 11.0 | 17 | 15.2 | 0.0 |
| 2/7/10 10:30 | 2.0 | 553 | 3.7 | 0.1 | 6.4 | 485 | 12.0 | 0.3 | 0.7 | 427 | 1.3 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 8.5 | 17 | 11.5 | 0.0 |
| 2/7/10 11:00 | 2.1 | 553 | 3.9 | 0.1 | 6.8 | 485 | 12.8 | 0.3 | 0.7 | 427 | 1.3 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 6.9 | 17 | 9.2 | 0.0 |
| 2/7/10 11:30 | 2.2 | 548 | 4.0 | 0.1 | 6.6 | 481 | 12.4 | 0.3 | 0.7 | 425 | 1.3 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 6.5 | 17 | 8.7 | 0.0 |
| 2/7/10 12:00 | 2.0 | 548 | 3.7 | 0.1 | 7.0 | 481 | 13.2 | 0.4 | 0.7 | 425 | 1.3 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 6.6 | 17 | 8.8 | 0.0 |
| 2/7/10 12:30 | 2.0 | 548 | 3.7 | 0.1 | 6.8 | 480 | 12.8 | 0.3 | 0.6 | 423 | 1.1 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 17.0 | 17 | 24.1 | 0.0 |
| 2/7/10 13:00 | 2.1 | 548 | 3.9 | 0.1 | 6.6 | 480 | 12.4 | 0.3 | 0.7 | 423 | 1.3 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 55.0 | 17 | 83.9 | 0.1 |
| 2/7/10 13:30 | 2.2 | 548 | 4.0 | 0.1 | 6.2 | 480 | 11.6 | 0.3 | 0.7 | 423 | 1.3 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 43.0 | 17 | 64.6 | 0.1 |
| 2/7/10 14:00 | 2.0 | 542 | 3.7 | 0.1 | 6.8 | 476 | 12.8 | 0.3 | 0.6 | 421 | 1.1 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 300.0 | 17 | 508.2 | 0.5 |
| 2/7/10 14:30 | 2.0 | 542 | 3.7 | 0.1 | 6.8 | 476 | 12.8 | 0.3 | 0.6 | 421 | 1.1 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 160.0 | 17 | 260.7 | 0.3 |
| 2/7/10 15:00 | 2.0 | 531 | 3.7 | 0.1 | 6.6 | 468 | 12.4 | 0.3 | 0.9 | 414 | 1.6 | 0.0 | 0.2 | 334 | 0.4 | 0.0 | 140.0 | 17 | 226.2 | 0.2 |
| 2/7/10 15:30 | 2.0 | 537 | 3.7 | 0.1 | 7.0 | 472 | 13.2 | 0.3 | 0.5 | 417 | 0.9 | 0.0 | 0.5 | 334 | 0.9 | 0.0 | 150.0 | 17 | 243.4 | 0.2 |
| 2/7/10 16:00 | 2.2 | 537 | 4.0 | 0.1 | 6.5 | 472 | 12.2 | 0.3 | 0.7 | 417 | 1.3 | 0.0 | 0.2 | 334 | 0.4 | 0.0 | 80.0 | 17 | 124.8 | 0.1 |
| 2/7/10 16:30 | 1.9 | 537 | 3.5 | 0.1 | 6.6 | 470 | 12.4 | 0.3 | 1.2 | 415 | 2.2 | 0.1 | 0.3 | 331 | 0.5 | 0.0 | 32.0 | 17 | 47.2 | 0.0 |
| 2/7/10 17:00 | 2.0 | 542 | 3.7 | 0.1 | 6.5 | 475 | 12.2 | 0.3 | 1.7 | 419 | 3.1 | 0.1 | 0.3 | 334 | 0.5 | 0.0 | 26.0 | 17 | 37.8 | 0.0 |
| 2/7/10 17:30 | 1.9 | 537 | 3.5 | 0.1 | 6.2 | 472 | 11.6 | 0.3 | 3.4 | 417 | 6.3 | 0.1 | 0.2 | 334 | 0.4 | 0.0 | 46.0 | 17 | 69.4 | 0.1 |
| 2/7/10 18:00 | 2.0 | 531 | 3.7 | 0.1 | 7.1 | 468 | 13.4 | 0.4 | 4.8 | 414 | 9.0 | 0.2 | 0.3 | 334 | 0.5 | 0.0 | 20.0 | 17 | 28.6 | 0.0 |
| 2/7/10 18:30 | 2.1 | 542 | 3.9 | 0.1 | 6.8 | 474 | 12.8 | 0.3 | 4.8 | 417 | 9.0 | 0.2 | 0.3 | 331 | 0.5 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |
| 2/7/10 19:00 | 1.9 | 537 | 3.5 | 0.1 | 7.7 | 469 | 14.5 | 0.4 | 4.4 | 413 | 8.2 | 0.2 | 0.2 | 327 | 0.4 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 2/7/10 19:30 | 1.9 | 531 | 3.5 | 0.1 | 8.9 | 466 | 16.8 | 0.4 | 4.0 | 410 | 7.4 | 0.2 | 0.3 | 327 | 0.5 | 0.0 | 15.0 | 17 | 21.1 | 0.0 |
| 2/7/10 20:00 | 2.2 | 537 | 4.0 | 0.1 | 10.1 | 469 | 19.1 | 0.5 | 3.0 | 413 | 5.6 | 0.1 | 0.2 | 327 | 0.4 | 0.0 | 20.0 | 17 | 28.6 | 0.0 |
| 2/7/10 20:30 | 2.0 | 531 | 3.7 | 0.1 | 9.7 | 466 | 18.4 | 0.5 | 2.2 | 410 | 4.0 | 0.1 | 0.2 | 327 | 0.4 | 0.0 | 21.0 | 17 | 30.2 | 0.0 |
| 2/7/10 21:00 | 2.0 | 537 | 3.7 | 0.1 | 9.8 | 469 | 18.6 | 0.5 | 1.7 | 413 | 3.1 | 0.1 | 0.2 | 327 | 0.4 | 0.0 | 16.0 | 17 | 22.6 | 0.0 |
| 2/7/10 21:30 | 2.1 | 531 | 3.9 | 0.1 | 9.1 | 465 | 17.2 | 0.4 | 1.4 | 408 | 2.6 | 0.1 | 0.2 | 324 | 0.4 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |
| 2/7/10 22:00 | 2.0 | 531 | 3.7 | 0.1 | 8.8 | 465 | 16.6 | 0.4 | 1.1 | 408 | 2.0 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 14.0 | 17 | 19.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 2/7/10 22:30 | 2.3 | 526 | 4.2 | 0.1 | 7.9 | 460 | 14.9 | 0.4 | 0.9 | 404 | 1.6 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 2/7/10 23:00 | 2.0 | 526 | 3.7 | 0.1 | 7.3 | 460 | 13.7 | 0.4 | 1.0 | 404 | 1.8 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/7/10 23:30 | 2.0 | 521 | 3.7 | 0.1 | 7.2 | 455 | 13.6 | 0.3 | 0.9 | 400 | 1.6 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 16.0 | 16 | 22.6 | 0.0 |
| 2/8/10 0:00 | 1.9 | 526 | 3.5 | 0.1 | 7.0 | 459 | 13.2 | 0.3 | 0.9 | 402 | 1.6 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 2/8/10 0:30 | 2.8 | 521 | 5.2 | 0.2 | 6.7 | 455 | 12.6 | 0.3 | 0.9 | 400 | 1.6 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 13.0 | 16 | 18.1 | 0.0 |
| 2/8/10 1:00 | 3.5 | 521 | 6.5 | 0.2 | 6.6 | 455 | 12.4 | 0.3 | 0.8 | 400 | 1.4 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 12.0 | 16 | 16.6 | 0.0 |
| 2/8/10 1:30 | 4.0 | 515 | 7.4 | 0.2 | 6.8 | 451 | 12.8 | 0.3 | 0.9 | 396 | 1.6 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 9.4 | 16 | 12.8 | 0.0 |
| 2/8/10 2:00 | 5.0 | 515 | 9.3 | 0.3 | 7.0 | 451 | 13.2 | 0.3 | 0.7 | 396 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 8.4 | 16 | 11.4 | 0.0 |
| 2/8/10 2:30 | 5.3 | 515 | 9.9 | 0.3 | 10.5 | 451 | 19.9 | 0.5 | 0.7 | 396 | 1.3 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 9.3 | 16 | 12.7 | 0.0 |
| 2/8/10 3:00 | 4.9 | 515 | 9.2 | 0.3 | 6.8 | 449 | 12.8 | 0.3 | 0.9 | 394 | 1.6 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 8.5 | 16 | 11.5 | 0.0 |
| 2/8/10 3:30 | 4.6 | 510 | 8.6 | 0.2 | 6.8 | 446 | 12.8 | 0.3 | 0.7 | 392 | 1.3 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 9.2 | 16 | 12.6 | 0.0 |
| 2/8/10 4:00 | 4.3 | 510 | 8.0 | 0.2 | 6.7 | 446 | 12.6 | 0.3 | 0.9 | 392 | 1.6 | 0.0 | 0.4 | 311 | 0.7 | 0.0 | 11.0 | 16 | 15.2 | 0.0 |
| 2/8/10 4:30 | 3.8 | 515 | 7.1 | 0.2 | 6.6 | 449 | 12.4 | 0.3 | 0.9 | 394 | 1.6 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 8.9 | 16 | 12.1 | 0.0 |
| 2/8/10 5:00 | 4.2 | 510 | 7.8 | 0.2 | 6.3 | 445 | 11.8 | 0.3 | 0.7 | 390 | 1.3 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 6.7 | 16 | 9.0 | 0.0 |
| 2/8/10 5:30 | 3.1 | 510 | 5.7 | 0.2 | 6.1 | 445 | 11.4 | 0.3 | 0.6 | 390 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 6.3 | 16 | 8.4 | 0.0 |
| 2/8/10 6:00 | 2.9 | 504 | 5.4 | 0.2 | 6.5 | 441 | 12.2 | 0.3 | 0.6 | 388 | 1.1 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 5.7 | 16 | 7.5 | 0.0 |
| 2/8/10 6:30 | 2.9 | 504 | 5.4 | 0.2 | 6.6 | 441 | 12.4 | 0.3 | 0.6 | 388 | 1.1 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 6.8 | 16 | 9.1 | 0.0 |
| 2/8/10 7:00 | 3.3 | 499 | 6.1 | 0.2 | 6.2 | 437 | 11.6 | 0.3 | 0.6 | 384 | 1.1 | 0.0 | 0.4 | 305 | 0.7 | 0.0 | 8.0 | 16 | 10.8 | 0.0 |
| 2/8/10 7:30 | 2.7 | 504 | 5.0 | 0.1 | 6.1 | 441 | 11.4 | 0.3 | 0.9 | 388 | 1.6 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 6.5 | 16 | 8.7 | 0.0 |
| 2/8/10 8:00 | 2.6 | 499 | 4.8 | 0.1 | 6.0 | 437 | 11.3 | 0.3 | 0.6 | 384 | 1.1 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 6.7 | 16 | 9.0 | 0.0 |
| 2/8/10 8:30 | 2.6 | 499 | 4.8 | 0.1 | 6.4 | 437 | 12.0 | 0.3 | 0.6 | 384 | 1.1 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 2/8/10 9:00 | 3.0 | 499 | 5.6 | 0.2 | 6.7 | 436 | 12.6 | 0.3 | 0.6 | 382 | 1.1 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 6.7 | 15 | 9.0 | 0.0 |
| 2/8/10 9:30 | 2.9 | 499 | 5.4 | 0.2 | 6.5 | 436 | 12.2 | 0.3 | 1.6 | 382 | 2.9 | 0.1 | 0.5 | 302 | 0.9 | 0.0 | 5.6 | 15 | 7.4 | 0.0 |
| 2/8/10 10:00 | 2.9 | 494 | 5.4 | 0.1 | 6.3 | 432 | 11.8 | 0.3 | 0.7 | 380 | 1.3 | 0.0 | 1.7 | 302 | 3.1 | 0.1 | 6.4 | 15 | 8.5 | 0.0 |
| 2/8/10 10:30 | 2.8 | 499 | 5.2 | 0.1 | 6.4 | 436 | 12.0 | 0.3 | 0.7 | 382 | 1.3 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 7.1 | 15 | 9.5 | 0.0 |
| 2/8/10 11:00 | 2.8 | 494 | 5.2 | 0.1 | 6.3 | 431 | 11.8 | 0.3 | 0.7 | 378 | 1.3 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.1 | 15 | 8.1 | 0.0 |
| 2/8/10 11:30 | 2.8 | 494 | 5.2 | 0.1 | 6.5 | 431 | 12.2 | 0.3 | 0.6 | 378 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.4 | 15 | 7.1 | 0.0 |
| 2/8/10 12:00 | 2.8 | 494 | 5.2 | 0.1 | 6.0 | 431 | 11.3 | 0.3 | 0.6 | 378 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.2 | 15 | 8.3 | 0.0 |
| 2/8/10 12:30 | 3.0 | 489 | 5.6 | 0.2 | 6.0 | 428 | 11.3 | 0.3 | 0.6 | 376 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 5.3 | 15 | 7.0 | 0.0 |
| 2/8/10 13:00 | 2.8 | 494 | 5.2 | 0.1 | 6.0 | 431 | 11.3 | 0.3 | 0.6 | 378 | 1.1 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.9 | 15 | 9.2 | 0.0 |
| 2/8/10 13:30 | 2.5 | 484 | 4.6 | 0.1 | 6.0 | 423 | 11.3 | 0.3 | 0.6 | 372 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 8.9 | 15 | 12.1 | 0.0 |
| 2/8/10 14:00 | 2.5 | 494 | 4.6 | 0.1 | 7.1 | 430 | 13.4 | 0.3 | 0.5 | 376 | 0.9 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 8.0 | 15 | 10.8 | 0.0 |
| 2/8/10 14:30 | 2.7 | 484 | 5.0 | 0.1 | 6.3 | 423 | 11.8 | 0.3 | 0.6 | 372 | 1.1 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 9.5 | 15 | 13.0 | 0.0 |
| 2/8/10 15:00 | 2.5 | 489 | 4.6 | 0.1 | 6.1 | 426 | 11.4 | 0.3 | 0.5 | 372 | 0.9 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 2/8/10 15:30 | 2.8 | 489 | 5.2 | 0.1 | 6.4 | 426 | 12.0 | 0.3 | 0.6 | 372 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 11.0 | 15 | 15.2 | 0.0 |
| 2/8/10 16:00 | 2.6 | 489 | 4.8 | 0.1 | 6.3 | 426 | 11.8 | 0.3 | 0.4 | 372 | 0.7 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 11.0 | 15 | 15.2 | 0.0 |
| 2/8/10 16:30 | 2.6 | 484 | 4.8 | 0.1 | 6.7 | 422 | 12.6 | 0.3 | 0.5 | 370 | 0.9 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 2/8/10 17:00 | 2.8 | 484 | 5.2 | 0.1 | 6.5 | 422 | 12.2 | 0.3 | 0.6 | 370 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 8.7 | 15 | 11.8 | 0.0 |
| 2/8/10 17:30 | 2.5 | 478 | 4.6 | 0.1 | 6.9 | 419 | 13.0 | 0.3 | 0.6 | 368 | 1.1 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 11.0 | 15 | 15.2 | 0.0 |
| 2/8/10 18:00 | 2.4 | 478 | 4.4 | 0.1 | 6.3 | 418 | 11.8 | 0.3 | 0.7 | 366 | 1.3 | 0.0 | 0.3 | 290 | 0.5 | 0.0 | 10.0 | 15 | 13.7 | 0.0 |
| 2/8/10 18:30 | 2.9 | 478 | 5.4 | 0.1 | 6.3 | 418 | 11.8 | 0.3 | 0.6 | 366 | 1.1 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 7.0 | 15 | 9.4 | 0.0 |
| 2/8/10 19:00 | 2.6 | 478 | 4.8 | 0.1 | 6.3 | 417 | 11.8 | 0.3 | 0.6 | 365 | 1.1 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 7.6 | 15 | 10.2 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/8/10 19:30 | 2.6 | 478 | 4.8 | 0.1 | 6.5 | 417 | 12.2 | 0.3 | 0.6 | 365 | 1.1 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 2/8/10 20:00 | 2.8 | 478 | 5.2 | 0.1 | 6.7 | 417 | 12.6 | 0.3 | 0.6 | 365 | 1.1 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 27.0 | 15 | 39.4 | 0.0 |
| 2/8/10 20:30 | 2.7 | 473 | 5.0 | 0.1 | 6.6 | 413 | 12.4 | 0.3 | 0.7 | 362 | 1.3 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 12.0 | 15 | 16.6 | 0.0 |
| 2/8/10 21:00 | 2.6 | 473 | 4.8 | 0.1 | 6.9 | 412 | 13.0 | 0.3 | 0.6 | 361 | 1.1 | 0.0 | 0.3 | 283 | 0.5 | 0.0 | 7.3 | 15 | 9.8 | 0.0 |
| 2/8/10 21:30 | 2.6 | 473 | 4.8 | 0.1 | 6.8 | 412 | 12.8 | 0.3 | 0.6 | 361 | 1.1 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 7.4 | 15 | 10.0 | 0.0 |
| 2/8/10 22:00 | 2.7 | 473 | 5.0 | 0.1 | 5.9 | 412 | 11.1 | 0.3 | 0.6 | 361 | 1.1 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 7.7 | 15 | 10.4 | 0.0 |
| 2/8/10 22:30 | 2.5 | 473 | 4.6 | 0.1 | 7.3 | 412 | 13.7 | 0.3 | 0.8 | 361 | 1.4 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 7.8 | 15 | 10.5 | 0.0 |
| 2/8/10 23:00 | 2.6 | 468 | 4.8 | 0.1 | 1.4 | 408 | 2.6 | 0.1 | 1.2 | 357 | 2.2 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 6.8 | 14 | 9.1 | 0.0 |
| 2/8/10 23:30 | 2.6 | 463 | 4.8 | 0.1 | 1.2 | 404 | 2.2 | 0.0 | 0.7 | 355 | 1.3 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 7.9 | 14 | 10.7 | 0.0 |
| 2/9/10 0:00 | 2.4 | 468 | 4.4 | 0.1 | 1.3 | 408 | 2.4 | 0.1 | 0.9 | 357 | 1.6 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 8.5 | 14 | 11.5 | 0.0 |
| 2/9/10 0:30 | 2.6 | 463 | 4.8 | 0.1 | 1.5 | 404 | 2.7 | 0.1 | 0.8 | 355 | 1.4 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 7.0 | 14 | 9.4 | 0.0 |
| 2/9/10 1:00 | 2.7 | 468 | 5.0 | 0.1 | 1.3 | 408 | 2.4 | 0.1 | 1.1 | 357 | 2.0 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 6.1 | 14 | 8.1 | 0.0 |
| 2/9/10 1:30 | 2.5 | 468 | 4.6 | 0.1 | 1.8 | 407 | 3.3 | 0.1 | 0.6 | 355 | 1.1 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 5.8 | 14 | 7.7 | 0.0 |
| 2/9/10 2:00 | 2.8 | 463 | 5.2 | 0.1 | 1.5 | 403 | 2.7 | 0.1 | 0.6 | 353 | 1.1 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 6.3 | 14 | 8.4 | 0.0 |
| 2/9/10 2:30 | 2.7 | 463 | 5.0 | 0.1 | 2.3 | 403 | 4.2 | 0.1 | 1.0 | 353 | 1.8 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 5.9 | 14 | 7.8 | 0.0 |
| 2/9/10 3:00 | 2.7 | 463 | 5.0 | 0.1 | 1.5 | 403 | 2.7 | 0.1 | 0.6 | 353 | 1.1 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 5.2 | 14 | 6.8 | 0.0 |
| 2/9/10 3:30 | 2.6 | 458 | 4.8 | 0.1 | 1.6 | 399 | 2.9 | 0.1 | 0.6 | 349 | 1.1 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 4.9 | 14 | 6.4 | 0.0 |
| 2/9/10 4:00 | 2.7 | 463 | 5.0 | 0.1 | 1.4 | 402 | 2.6 | 0.1 | 1.2 | 351 | 2.2 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 5.8 | 14 | 7.7 | 0.0 |
| 2/9/10 4:30 | 2.7 | 453 | 5.0 | 0.1 | 1.6 | 396 | 2.9 | 0.1 | 0.6 | 347 | 1.1 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 4.6 | 14 | 6.0 | 0.0 |
| 2/9/10 5:00 | 2.8 | 453 | 5.2 | 0.1 | 1.4 | 395 | 2.6 | 0.1 | 0.5 | 345 | 0.9 | 0.0 | 0.2 | 272 | 0.4 | 0.0 | 5.3 | 14 | 7.0 | 0.0 |
| 2/9/10 5:30 | 2.6 | 453 | 4.8 | 0.1 | 1.4 | 395 | 2.6 | 0.1 | 0.7 | 345 | 1.3 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 5.3 | 14 | 7.0 | 0.0 |
| 2/9/10 6:00 | 2.9 | 453 | 5.4 | 0.1 | 1.5 | 395 | 2.7 | 0.1 | 0.6 | 345 | 1.1 | 0.0 | 0.4 | 272 | 0.7 | 0.0 | 6.3 | 14 | 8.4 | 0.0 |
| 2/9/10 6:30 | 2.7 | 453 | 5.0 | 0.1 | 1.4 | 395 | 2.6 | 0.1 | 0.5 | 345 | 0.9 | 0.0 | 0.2 | 272 | 0.4 | 0.0 | 6.2 | 14 | 8.3 | 0.0 |
| 2/9/10 7:00 | 2.6 | 453 | 4.8 | 0.1 | 1.2 | 395 | 2.2 | 0.0 | 0.5 | 345 | 0.9 | 0.0 | 0.2 | 272 | 0.4 | 0.0 | 6.1 | 14 | 8.1 | 0.0 |
| 2/9/10 7:30 | 2.9 | 448 | 5.4 | 0.1 | 1.9 | 390 | 3.5 | 0.1 | 0.6 | 342 | 1.1 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.1 | 14 | 6.7 | 0.0 |
| 2/9/10 8:00 | 2.8 | 453 | 5.2 | 0.1 | 1.2 | 394 | 2.2 | 0.0 | 0.7 | 344 | 1.3 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.3 | 14 | 7.0 | 0.0 |
| 2/9/10 8:30 | 2.7 | 448 | 5.0 | 0.1 | 1.1 | 390 | 2.0 | 0.0 | 0.6 | 342 | 1.1 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.8 | 14 | 7.7 | 0.0 |
| 2/9/10 9:00 | 3.3 | 448 | 6.1 | 0.2 | 1.0 | 390 | 1.8 | 0.0 | 0.5 | 342 | 0.9 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.2 | 14 | 6.8 | 0.0 |
| 2/9/10 9:30 | 2.9 | 448 | 5.4 | 0.1 | 1.3 | 390 | 2.4 | 0.1 | 0.8 | 342 | 1.4 | 0.0 | 0.9 | 269 | 1.6 | 0.0 | 5.4 | 14 | 7.1 | 0.0 |
| 2/9/10 10:00 | 2.8 | 443 | 5.2 | 0.1 | 1.0 | 386 | 1.8 | 0.0 | 0.5 | 338 | 0.9 | 0.0 | 0.2 | 266 | 0.4 | 0.0 | 3.9 | 14 | 5.0 | 0.0 |
| 2/9/10 10:30 | 2.6 | 443 | 4.8 | 0.1 | 1.0 | 386 | 1.8 | 0.0 | 0.6 | 338 | 1.1 | 0.0 | 0.2 | 266 | 0.4 | 0.0 | 4.5 | 14 | 5.9 | 0.0 |
| 2/9/10 11:00 | 2.8 | 443 | 5.2 | 0.1 | 1.1 | 386 | 2.0 | 0.0 | 0.5 | 338 | 0.9 | 0.0 | 0.2 | 266 | 0.4 | 0.0 | 4.1 | 14 | 5.3 | 0.0 |
| 2/9/10 11:30 | 2.8 | 443 | 5.2 | 0.1 | 0.8 | 385 | 1.4 | 0.0 | 0.6 | 336 | 1.1 | 0.0 | 0.2 | 263 | 0.4 | 0.0 | 4.8 | 14 | 6.3 | 0.0 |
| 2/9/10 12:00 | 2.5 | 438 | 4.6 | 0.1 | 2.9 | 383 | 5.4 | 0.1 | 0.5 | 336 | 0.9 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 4.0 | 14 | 5.2 | 0.0 |
| 2/9/10 12:30 | 2.8 | 443 | 5.2 | 0.1 | 1.1 | 385 | 2.0 | 0.0 | 0.4 | 336 | 0.7 | 0.0 | 0.4 | 263 | 0.7 | 0.0 | 4.1 | 14 | 5.3 | 0.0 |
| 2/9/10 13:00 | 2.6 | 443 | 4.8 | 0.1 | 1.2 | 384 | 2.2 | 0.0 | 0.6 | 335 | 1.1 | 0.0 | 0.7 | 260 | 1.3 | 0.0 | 4.2 | 13 | 5.5 | 0.0 |
| 2/9/10 13:30 | 2.7 | 438 | 5.0 | 0.1 | 1.2 | 382 | 2.2 | 0.0 | 0.6 | 334 | 1.1 | 0.0 | 0.2 | 263 | 0.4 | 0.0 | 4.6 | 14 | 6.0 | 0.0 |
| 2/9/10 14:00 | 2.6 | 438 | 4.8 | 0.1 | 1.1 | 382 | 2.0 | 0.0 | 0.6 | 334 | 1.1 | 0.0 | 0.2 | 263 | 0.4 | 0.0 | 6.6 | 14 | 8.8 | 0.0 |
| 2/9/10 14:30 | 2.9 | 433 | 5.4 | 0.1 | 1.9 | 378 | 3.5 | 0.1 | 0.5 | 331 | 0.9 | 0.0 | 0.2 | 260 | 0.4 | 0.0 | 5.2 | 13 | 6.8 | 0.0 |
| 2/9/10 15:00 | 2.5 | 438 | 4.6 | 0.1 | 1.3 | 381 | 2.4 | 0.1 | 0.4 | 333 | 0.7 | 0.0 | 0.2 | 260 | 0.4 | 0.0 | 4.3 | 13 | 5.6 | 0.0 |
| 2/9/10 15:30 | 2.7 | 438 | 5.0 | 0.1 | 1.4 | 381 | 2.6 | 0.1 | 0.4 | 333 | 0.7 | 0.0 | 0.4 | 260 | 0.7 | 0.0 | 4.6 | 13 | 6.0 | 0.0 |
| 2/9/10 16:00 | 2.7 | 433 | 5.0 | 0.1 | 1.5 | 377 | 2.7 | 0.1 | 0.4 | 329 | 0.7 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 4.6 | 13 | 6.0 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/9/10 16:30 | 2.7 | 433 | 5.0 | 0.1 | 1.6 | 377 | 2.9 | 0.1 | 0.4 | 329 | 0.7 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 4.4 | 13 | 5.7 | 0.0 |
| 2/9/10 17:00 | 2.4 | 433 | 4.4 | 0.1 | 1.6 | 377 | 2.9 | 0.1 | 0.6 | 329 | 1.1 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 4.0 | 13 | 5.2 | 0.0 |
| 2/9/10 17:30 | 2.4 | 429 | 4.4 | 0.1 | 1.9 | 373 | 3.5 | 0.1 | 0.5 | 327 | 0.9 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 8.2 | 13 | 11.1 | 0.0 |
| 2/9/10 18:00 | 2.6 | 433 | 4.8 | 0.1 | 1.5 | 376 | 2.7 | 0.1 | 0.4 | 327 | 0.7 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 8.3 | 13 | 11.3 | 0.0 |
| 2/9/10 18:30 | 2.5 | 429 | 4.6 | 0.1 | 1.6 | 373 | 2.9 | 0.1 | 0.4 | 325 | 0.7 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 4.7 | 13 | 6.2 | 0.0 |
| 2/9/10 19:00 | 2.7 | 429 | 5.0 | 0.1 | 4.3 | 373 | 8.0 | 0.2 | 0.4 | 325 | 0.7 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 4.4 | 13 | 5.7 | 0.0 |
| 2/9/10 19:30 | 2.8 | 429 | 5.2 | 0.1 | 1.6 | 373 | 2.9 | 0.1 | 0.8 | 325 | 1.4 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 4.4 | 13 | 5.7 | 0.0 |
| 2/9/10 20:00 | 2.6 | 429 | 4.8 | 0.1 | 1.5 | 373 | 2.7 | 0.1 | 0.6 | 325 | 1.1 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 3.8 | 13 | 4.9 | 0.0 |
| 2/9/10 20:30 | 2.7 | 429 | 5.0 | 0.1 | 1.7 | 372 | 3.1 | 0.1 | 0.4 | 324 | 0.7 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 4.4 | 13 | 5.7 | 0.0 |
| 2/9/10 21:00 | 2.6 | 424 | 4.8 | 0.1 | 1.9 | 368 | 3.5 | 0.1 | 0.4 | 322 | 0.7 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 4.5 | 13 | 5.9 | 0.0 |
| 2/9/10 21:30 | 2.6 | 419 | 4.8 | 0.1 | 1.9 | 365 | 3.5 | 0.1 | 0.5 | 320 | 0.9 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 4.5 | 13 | 5.9 | 0.0 |
| 2/9/10 22:00 | 2.6 | 419 | 4.8 | 0.1 | 1.5 | 365 | 2.7 | 0.1 | 0.4 | 320 | 0.7 | 0.0 | 0.4 | 252 | 0.7 | 0.0 | 4.4 | 13 | 5.7 | 0.0 |
| 2/9/10 22:30 | 2.8 | 419 | 5.2 | 0.1 | 1.7 | 365 | 3.1 | 0.1 | 0.6 | 320 | 1.1 | 0.0 | 0.6 | 252 | 1.1 | 0.0 | 4.0 | 13 | 5.2 | 0.0 |
| 2/9/10 23:00 | 2.7 | 419 | 5.0 | 0.1 | 1.6 | 364 | 2.9 | 0.1 | 0.5 | 318 | 0.9 | 0.0 | 0.4 | 249 | 0.7 | 0.0 | 4.6 | 13 | 6.0 | 0.0 |
| 2/9/10 23:30 | 2.5 | 419 | 4.6 | 0.1 | 1.6 | 364 | 2.9 | 0.1 | 0.4 | 318 | 0.7 | 0.0 | 0.5 | 249 | 0.9 | 0.0 | 5.1 | 13 | 6.7 | 0.0 |
| 2/10/10 0:00 | 3.4 | 424 | 6.3 | 0.2 | 1.5 | 367 | 2.7 | 0.1 | 0.4 | 320 | 0.7 | 0.0 | 0.3 | 249 | 0.5 | 0.0 | 3.8 | 13 | 4.9 | 0.0 |
| 2/10/10 0:30 | 2.6 | 414 | 4.8 | 0.1 | 1.9 | 360 | 3.5 | 0.1 | 0.5 | 314 | 0.9 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 3.8 | 13 | 4.9 | 0.0 |
| 2/10/10 1:00 | 2.4 | 419 | 4.4 | 0.1 | 2.3 | 363 | 4.2 | 0.1 | 0.7 | 316 | 1.3 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 4.0 | 13 | 5.2 | 0.0 |
| 2/10/10 1:30 | 2.6 | 419 | 4.8 | 0.1 | 1.8 | 363 | 3.3 | 0.1 | 0.5 | 316 | 0.9 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 3.4 | 13 | 4.4 | 0.0 |
| 2/10/10 2:00 | 2.5 | 414 | 4.6 | 0.1 | 1.5 | 360 | 2.7 | 0.1 | 0.4 | 314 | 0.7 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 3.5 | 13 | 4.5 | 0.0 |
| 2/10/10 2:30 | 2.6 | 414 | 4.8 | 0.1 | 3.8 | 360 | 7.1 | 0.1 | 0.4 | 314 | 0.7 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 3.2 | 13 | 4.1 | 0.0 |
| 2/10/10 3:00 | 2.6 | 414 | 4.8 | 0.1 | 1.6 | 360 | 2.9 | 0.1 | 0.4 | 314 | 0.7 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 4.0 | 13 | 5.2 | 0.0 |
| 2/10/10 3:30 | 2.5 | 410 | 4.6 | 0.1 | 1.5 | 356 | 2.7 | 0.1 | 1.9 | 311 | 3.5 | 0.1 | 0.2 | 243 | 0.4 | 0.0 | 3.1 | 13 | 4.0 | 0.0 |
| 2/10/10 4:00 | 2.9 | 410 | 5.4 | 0.1 | 1.4 | 356 | 2.6 | 0.1 | 0.5 | 311 | 0.9 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 3.6 | 13 | 4.6 | 0.0 |
| 2/10/10 4:30 | 2.8 | 410 | 5.2 | 0.1 | 1.6 | 356 | 2.9 | 0.1 | 0.5 | 311 | 0.9 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 4.1 | 13 | 5.3 | 0.0 |
| 2/10/10 5:00 | 3.3 | 405 | 6.1 | 0.1 | 1.8 | 353 | 3.3 | 0.1 | 0.4 | 309 | 0.7 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 3.2 | 13 | 4.1 | 0.0 |
| 2/10/10 5:30 | 2.7 | 405 | 5.0 | 0.1 | 1.5 | 352 | 2.7 | 0.1 | 0.5 | 307 | 0.9 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 5.0 | 12 | 6.6 | 0.0 |
| 2/10/10 6:00 | 2.7 | 410 | 5.0 | 0.1 | 1.5 | 355 | 2.7 | 0.1 | 0.5 | 309 | 0.9 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 4.1 | 12 | 5.3 | 0.0 |
| 2/10/10 6:30 | 2.6 | 405 | 4.8 | 0.1 | 1.4 | 352 | 2.6 | 0.1 | 0.4 | 307 | 0.7 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 4.4 | 12 | 5.7 | 0.0 |
| 2/10/10 7:00 | 2.7 | 405 | 5.0 | 0.1 | 1.5 | 352 | 2.7 | 0.1 | 0.7 | 307 | 1.3 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 3.5 | 12 | 4.5 | 0.0 |
| 2/10/10 7:30 | 2.7 | 405 | 5.0 | 0.1 | 1.6 | 352 | 2.9 | 0.1 | 0.4 | 307 | 0.7 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 3.6 | 12 | 4.6 | 0.0 |
| 2/10/10 8:00 | 2.8 | 405 | 5.2 | 0.1 | 1.3 | 351 | 2.4 | 0.0 | 0.4 | 306 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 5.1 | 12 | 6.7 | 0.0 |
| 2/10/10 8:30 | 2.6 | 400 | 4.8 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 3.8 | 12 | 4.9 | 0.0 |
| 2/10/10 9:00 | 2.6 | 400 | 4.8 | 0.1 | 1.4 | 348 | 2.6 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 3.3 | 12 | 4.2 | 0.0 |
| 2/10/10 9:30 | 2.7 | 400 | 5.0 | 0.1 | 1.7 | 348 | 3.1 | 0.1 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 5.6 | 12 | 7.4 | 0.0 |
| 2/10/10 10:00 | 2.8 | 400 | 5.2 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.5 | 304 | 0.9 | 0.0 | 0.5 | 238 | 0.9 | 0.0 | 3.2 | 12 | 4.1 | 0.0 |
| 2/10/10 10:30 | 2.8 | 400 | 5.2 | 0.1 | 1.3 | 347 | 2.4 | 0.0 | 0.5 | 302 | 0.9 | 0.0 | 0.2 | 235 | 0.4 | 0.0 | 3.7 | 12 | 4.8 | 0.0 |
| 2/10/10 11:00 | 2.8 | 400 | 5.2 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.3 | 238 | 0.5 | 0.0 | 3.4 | 12 | 4.4 | 0.0 |
| 2/10/10 11:30 | 2.9 | 400 | 5.4 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.5 | 304 | 0.9 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 2.9 | 12 | 3.7 | 0.0 |
| 2/10/10 12:00 | 2.6 | 396 | 4.8 | 0.1 | 1.5 | 345 | 2.7 | 0.1 | 0.4 | 302 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 3.3 | 12 | 4.2 | 0.0 |
| 2/10/10 12:30 | 2.5 | 400 | 4.6 | 0.1 | 1.4 | 348 | 2.6 | 0.0 | 0.6 | 304 | 1.1 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 3.0 | 12 | 3.8 | 0.0 |
| 2/10/10 13:00 | 2.5 | 400 | 4.6 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 2.9 | 12 | 3.7 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/10/10 13:30 | 2.7 | 400 | 5.0 | 0.1 | 1.6 | 348 | 2.9 | 0.1 | 0.3 | 304 | 0.5 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 8.0 | 12 | 10.8 | 0.0 |
| 2/10/10 14:00 | 2.7 | 400 | 5.0 | 0.1 | 1.3 | 348 | 2.4 | 0.0 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 14.0 | 12 | 19.6 | 0.0 |
| 2/10/10 14:30 | 3.1 | 400 | 5.7 | 0.1 | 1.5 | 349 | 2.7 | 0.1 | 0.4 | 306 | 0.7 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 18.0 | 12 | 25.6 | 0.0 |
| 2/10/10 15:00 | 2.6 | 400 | 4.8 | 0.1 | 1.5 | 349 | 2.7 | 0.1 | 0.5 | 306 | 0.9 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 10.0 | 12 | 13.7 | 0.0 |
| 2/10/10 15:30 | 2.7 | 400 | 5.0 | 0.1 | 1.6 | 349 | 2.9 | 0.1 | 0.7 | 306 | 1.3 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 8.9 | 12 | 12.1 | 0.0 |
| 2/10/10 16:00 | 2.8 | 405 | 5.2 | 0.1 | 1.6 | 352 | 2.9 | 0.1 | 0.4 | 307 | 0.7 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 9.5 | 12 | 13.0 | 0.0 |
| 2/10/10 16:30 | 2.7 | 405 | 5.0 | 0.1 | 1.7 | 352 | 3.1 | 0.1 | 0.4 | 307 | 0.7 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 7.5 | 12 | 10.1 | 0.0 |
| 2/10/10 17:00 | 2.6 | 400 | 4.8 | 0.1 | 1.6 | 349 | 2.9 | 0.1 | 0.4 | 306 | 0.7 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 6.2 | 12 | 8.3 | 0.0 |
| 2/10/10 17:30 | 2.8 | 405 | 5.2 | 0.1 | 1.7 | 352 | 3.1 | 0.1 | 0.6 | 307 | 1.1 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 11.0 | 12 | 15.2 | 0.0 |
| 2/10/10 18:00 | 2.9 | 405 | 5.4 | 0.1 | 1.8 | 353 | 3.3 | 0.1 | 0.7 | 309 | 1.3 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 43.0 | 13 | 64.6 | 0.0 |
| 2/10/10 18:30 | 2.6 | 410 | 4.8 | 0.1 | 2.3 | 356 | 4.2 | 0.1 | 0.6 | 311 | 1.1 | 0.0 | 0.6 | 243 | 1.1 | 0.0 | 40.0 | 13 | 59.8 | 0.0 |
| 2/10/10 19:00 | 2.6 | 400 | 4.8 | 0.1 | 1.7 | 350 | 3.1 | 0.1 | 0.7 | 307 | 1.3 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 22.0 | 13 | 31.7 | 0.0 |
| 2/10/10 19:30 | 2.6 | 405 | 4.8 | 0.1 | 1.7 | 353 | 3.1 | 0.1 | 0.7 | 309 | 1.3 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 19.0 | 13 | 27.1 | 0.0 |
| 2/10/10 20:00 | 2.8 | 405 | 5.2 | 0.1 | 2.5 | 353 | 4.6 | 0.1 | 1.2 | 309 | 2.2 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 31.0 | 13 | 45.6 | 0.0 |
| 2/10/10 20:30 | 2.7 | 405 | 5.0 | 0.1 | 1.8 | 353 | 3.3 | 0.1 | 0.7 | 309 | 1.3 | 0.0 | 0.2 | 243 | 0.4 | 0.0 | 51.0 | 13 | 77.4 | 0.1 |
| 2/10/10 21:00 | 2.8 | 410 | 5.2 | 0.1 | 1.9 | 357 | 3.5 | 0.1 | 0.6 | 313 | 1.1 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 44.0 | 13 | 66.2 | 0.0 |
| 2/10/10 21:30 | 2.6 | 405 | 4.8 | 0.1 | 2.3 | 354 | 4.2 | 0.1 | 0.7 | 311 | 1.3 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 54.0 | 13 | 82.2 | 0.1 |
| 2/10/10 22:00 | 2.6 | 405 | 4.8 | 0.1 | 2.0 | 354 | 3.7 | 0.1 | 0.7 | 311 | 1.3 | 0.0 | 0.6 | 246 | 1.1 | 0.0 | 75.0 | 13 | 116.6 | 0.1 |
| 2/10/10 22:30 | 2.4 | 405 | 4.4 | 0.1 | 1.9 | 354 | 3.5 | 0.1 | 1.0 | 311 | 1.8 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 44.0 | 13 | 66.2 | 0.0 |
| 2/10/10 23:00 | 2.8 | 400 | 5.2 | 0.1 | 1.9 | 351 | 3.5 | 0.1 | 1.2 | 310 | 2.2 | 0.0 | 0.2 | 249 | 0.4 | 0.0 | 63.0 | 13 | 96.9 | 0.1 |
| 2/10/10 23:30 | 2.6 | 405 | 4.8 | 0.1 | 2.0 | 355 | 3.7 | 0.1 | 2.5 | 312 | 4.6 | 0.1 | 0.2 | 249 | 0.4 | 0.0 | 74.0 | 13 | 114.9 | 0.1 |
| 2/11/10 0:00 | 2.7 | 410 | 5.0 | 0.1 | 1.9 | 359 | 3.5 | 0.1 | 3.1 | 316 | 5.7 | 0.1 | 0.4 | 252 | 0.7 | 0.0 | 37.0 | 13 | 55.0 | 0.0 |
| 2/11/10 0:30 | 2.6 | 405 | 4.8 | 0.1 | 2.3 | 357 | 4.2 | 0.1 | 1.2 | 317 | 2.2 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 20.0 | 13 | 28.6 | 0.0 |
| 2/11/10 1:00 | 2.7 | 405 | 5.0 | 0.1 | 2.6 | 358 | 4.8 | 0.1 | 1.5 | 319 | 2.7 | 0.0 | 0.2 | 260 | 0.4 | 0.0 | 20.0 | 13 | 28.6 | 0.0 |
| 2/11/10 1:30 | 3.0 | 405 | 5.6 | 0.1 | 2.6 | 359 | 4.8 | 0.1 | 1.7 | 321 | 3.1 | 0.1 | 0.2 | 263 | 0.4 | 0.0 | 39.0 | 14 | 58.2 | 0.0 |
| 2/11/10 2:00 | 2.6 | 410 | 4.8 | 0.1 | 2.5 | 364 | 4.6 | 0.1 | 1.9 | 326 | 3.5 | 0.1 | 0.2 | 269 | 0.4 | 0.0 | 57.0 | 14 | 87.1 | 0.1 |
| 2/11/10 2:30 | 2.2 | 410 | 4.0 | 0.1 | 2.6 | 366 | 4.8 | 0.1 | 2.0 | 329 | 3.7 | 0.1 | 0.2 | 275 | 0.4 | 0.0 | 150.0 | 14 | 243.4 | 0.2 |
| 2/11/10 3:00 | 2.7 | 414 | 5.0 | 0.1 | 2.7 | 371 | 5.0 | 0.1 | 1.9 | 335 | 3.5 | 0.1 | 0.2 | 280 | 0.4 | 0.0 | 200.0 | 14 | 330.4 | 0.3 |
| 2/11/10 3:30 | 2.5 | 414 | 4.6 | 0.1 | 3.0 | 374 | 5.6 | 0.1 | 2.2 | 340 | 4.0 | 0.1 | 0.3 | 290 | 0.5 | 0.0 | 300.0 | 15 | 508.2 | 0.4 |
| 2/11/10 4:00 | 2.7 | 424 | 5.0 | 0.1 | 3.4 | 384 | 6.3 | 0.1 | 2.2 | 350 | 4.0 | 0.1 | 0.9 | 299 | 1.6 | 0.0 | 600.0 | 15 | 1061.1 | 0.9 |
| 2/11/10 4:30 | 3.2 | 424 | 5.9 | 0.1 | 3.4 | 387 | 6.3 | 0.1 | 1.8 | 355 | 3.3 | 0.1 | 0.4 | 308 | 0.7 | 0.0 | 690.0 | 16 | 1230.9 | 1.1 |
| 2/11/10 5:00 | 2.7 | 429 | 5.0 | 0.1 | 3.6 | 393 | 6.7 | 0.1 | 1.8 | 363 | 3.3 | 0.1 | 0.2 | 318 | 0.4 | 0.0 | 360.0 | 16 | 616.8 | 0.6 |
| 2/11/10 5:30 | 2.9 | 433 | 5.4 | 0.1 | 3.4 | 399 | 6.3 | 0.1 | 1.8 | 371 | 3.3 | 0.1 | 0.4 | 327 | 0.7 | 0.0 | 390.0 | 17 | 671.5 | 0.6 |
| 2/11/10 6:00 | 2.8 | 443 | 5.2 | 0.1 | 3.7 | 410 | 6.9 | 0.2 | 2.1 | 382 | 3.9 | 0.1 | 0.3 | 341 | 0.5 | 0.0 | 270.0 | 17 | 454.4 | 0.4 |
| 2/11/10 6:30 | 2.8 | 453 | 5.2 | 0.1 | 3.5 | 421 | 6.5 | 0.2 | 3.6 | 394 | 6.7 | 0.1 | 0.3 | 354 | 0.5 | 0.0 | 880.0 | 18 | 1593.7 | 1.6 |
| 2/11/10 7:00 | 3.1 | 458 | 5.7 | 0.1 | 3.2 | 430 | 5.9 | 0.1 | 6.1 | 407 | 11.4 | 0.3 | 0.4 | 372 | 0.7 | 0.0 | 1000.0 | 19 | 1825.5 | 1.9 |
| 2/11/10 7:30 | 3.2 | 468 | 5.9 | 0.2 | 3.6 | 443 | 6.7 | 0.2 | 12.4 | 422 | 23.6 | 0.6 | 0.3 | 390 | 0.5 | 0.0 | 990.0 | 20 | 1806.1 | 2.0 |
| 2/11/10 8:00 | 3.2 | 478 | 5.9 | 0.2 | 4.3 | 455 | 8.0 | 0.2 | 19.2 | 434 | 36.9 | 0.9 | 0.3 | 404 | 0.5 | 0.0 | 620.0 | 20 | 1098.7 | 1.3 |
| 2/11/10 8:30 | 3.1 | 494 | 5.7 | 0.2 | 5.9 | 470 | 11.1 | 0.3 | 16.8 | 450 | 32.2 | 0.8 | 0.3 | 419 | 0.5 | 0.0 | 720.0 | 21 | 1287.8 | 1.5 |
| 2/11/10 9:00 | 3.3 | 504 | 6.1 | 0.2 | 9.6 | 481 | 18.2 | 0.5 | 15.0 | 461 | 28.7 | 0.7 | 0.4 | 431 | 0.7 | 0.0 | 990.0 | 22 | 1806.1 | 2.2 |
| 2/11/10 9:30 | 3.4 | 521 | 6.3 | 0.2 | 14.1 | 495 | 26.9 | 0.7 | 19.3 | 474 | 37.1 | 1.0 | 0.3 | 443 | 0.5 | 0.0 | 190.0 | 22 | 312.9 | 0.4 |
| 2/11/10 10:00 | 4.1 | 537 | 7.6 | 0.2 | 16.0 | 512 | 30.6 | 0.9 | 31.4 | 490 | 60.9 | 1.7 | 0.4 | 458 | 0.7 | 0.0 | 150.0 | 23 | 243.4 | 0.3 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/11/10 10:30 | 3.8 | 548 | 7.1 | 0.2 | 15.0 | 523 | 28.7 | 0.8 | 42.6 | 502 | 83.1 | 2.3 | 0.3 | 471 | 0.5 | 0.0 | 86.0 | 23 | 134.8 | 0.2 |
| 2/11/10 11:00 | 4.2 | 565 | 7.8 | 0.2 | 15.8 | 537 | 30.2 | 0.9 | 38.3 | 514 | 74.6 | 2.2 | 0.3 | 479 | 0.5 | 0.0 | 79.0 | 24 | 123.2 | 0.2 |
| 2/11/10 11:30 | 3.8 | 588 | 7.1 | 0.2 | 23.6 | 554 | 45.5 | 1.4 | 31.7 | 525 | 61.5 | 1.8 | 0.3 | 483 | 0.5 | 0.0 | 76.0 | 24 | 118.2 | 0.2 |
| 2/11/10 12:00 | 4.1 | 611 | 7.6 | 0.3 | 33.0 | 572 | 64.1 | 2.1 | 21.8 | 540 | 42.0 | 1.3 | 0.3 | 491 | 0.5 | 0.0 | 55.0 | 24 | 83.9 | 0.1 |
| 2/11/10 12:30 | 3.9 | 623 | 7.3 | 0.3 | 32.2 | 580 | 62.5 | 2.0 | 12.7 | 545 | 24.2 | 0.7 | 0.3 | 491 | 0.5 | 0.0 | 44.0 | 24 | 66.2 | 0.1 |
| 2/11/10 13:00 | 4.3 | 641 | 8.0 | 0.3 | 26.8 | 594 | 51.8 | 1.7 | 7.6 | 555 | 14.3 | 0.4 | 0.3 | 495 | 0.5 | 0.0 | 38.0 | 25 | 56.6 | 0.1 |
| 2/11/10 13:30 | 6.8 | 653 | 12.8 | 0.5 | 22.0 | 601 | 42.4 | 1.4 | 5.1 | 557 | 9.5 | 0.3 | 0.3 | 491 | 0.5 | 0.0 | 40.0 | 24 | 59.8 | 0.1 |
| 2/11/10 14:00 | 6.6 | 667 | 12.4 | 0.5 | 14.3 | 613 | 27.3 | 0.9 | 4.0 | 568 | 7.4 | 0.2 | 0.3 | 500 | 0.5 | 0.0 | 41.0 | 25 | 61.4 | 0.1 |
| 2/11/10 14:30 | 8.8 | 673 | 16.6 | 0.6 | 9.8 | 615 | 18.6 | 0.6 | 3.1 | 565 | 5.7 | 0.2 | 0.3 | 491 | 0.5 | 0.0 | 33.0 | 24 | 48.7 | 0.1 |
| 2/11/10 15:00 | 12.0 | 673 | 22.8 | 0.9 | 7.2 | 615 | 13.6 | 0.5 | 2.7 | 565 | 5.0 | 0.2 | 0.2 | 491 | 0.4 | 0.0 | 30.0 | 24 | 44.0 | 0.1 |
| 2/11/10 15:30 | 13.0 | 693 | 24.8 | 1.0 | 5.6 | 629 | 10.5 | 0.4 | 2.3 | 576 | 4.2 | 0.1 | 1.0 | 495 | 1.8 | 0.1 | 26.0 | 25 | 37.8 | 0.1 |
| 2/11/10 16:00 | 13.0 | 693 | 24.8 | 1.0 | 5.1 | 628 | 9.5 | 0.3 | 1.8 | 573 | 3.3 | 0.1 | 0.2 | 491 | 0.4 | 0.0 | 28.0 | 24 | 40.9 | 0.1 |
| 2/11/10 16:30 | 17.0 | 700 | 32.6 | 1.3 | 4.3 | 631 | 8.0 | 0.3 | 1.8 | 574 | 3.3 | 0.1 | 0.2 | 487 | 0.4 | 0.0 | 31.0 | 24 | 45.6 | 0.1 |
| 2/11/10 17:00 | 24.0 | 700 | 46.3 | 1.8 | 4.8 | 630 | 9.0 | 0.3 | 1.5 | 571 | 2.7 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 30.0 | 24 | 44.0 | 0.1 |
| 2/11/10 17:30 | 25.0 | 686 | 48.3 | 1.9 | 4.1 | 621 | 7.6 | 0.3 | 1.7 | 566 | 3.1 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 30.0 | 24 | 44.0 | 0.1 |
| 2/11/10 18:00 | 24.0 | 693 | 46.3 | 1.8 | 3.7 | 625 | 6.9 | 0.2 | 1.4 | 568 | 2.6 | 0.1 | 0.2 | 483 | 0.4 | 0.0 | 26.0 | 24 | 37.8 | 0.1 |
| 2/11/10 18:30 | 21.0 | 693 | 40.4 | 1.6 | 3.6 | 624 | 6.7 | 0.2 | 1.4 | 566 | 2.6 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 26.0 | 24 | 37.8 | 0.1 |
| 2/11/10 19:00 | 16.0 | 700 | 30.6 | 1.2 | 3.4 | 627 | 6.3 | 0.2 | 1.4 | 566 | 2.6 | 0.1 | 0.3 | 475 | 0.5 | 0.0 | 22.0 | 24 | 31.7 | 0.0 |
| 2/11/10 19:30 | 12.0 | 693 | 22.8 | 0.9 | 3.8 | 624 | 7.1 | 0.2 | 2.2 | 566 | 4.0 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 22.0 | 24 | 31.7 | 0.0 |
| 2/11/10 20:00 | 8.3 | 686 | 15.7 | 0.6 | 3.8 | 618 | 7.1 | 0.2 | 1.8 | 561 | 3.3 | 0.1 | 0.3 | 475 | 0.5 | 0.0 | 24.0 | 24 | 34.8 | 0.0 |
| 2/11/10 20:30 | 7.9 | 700 | 14.9 | 0.6 | 3.5 | 629 | 6.5 | 0.2 | 1.3 | 569 | 2.4 | 0.1 | 0.6 | 479 | 1.1 | 0.0 | 24.0 | 24 | 34.8 | 0.0 |
| 2/11/10 21:00 | 5.8 | 693 | 10.9 | 0.4 | 3.5 | 624 | 6.5 | 0.2 | 1.2 | 566 | 2.2 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 30.0 | 24 | 44.0 | 0.1 |
| 2/11/10 21:30 | 5.0 | 693 | 9.3 | 0.4 | 3.4 | 623 | 6.3 | 0.2 | 1.2 | 564 | 2.2 | 0.1 | 0.3 | 475 | 0.5 | 0.0 | 190.0 | 24 | 312.9 | 0.4 |
| 2/11/10 22:00 | 4.5 | 700 | 8.4 | 0.3 | 3.5 | 630 | 6.5 | 0.2 | 1.4 | 571 | 2.6 | 0.1 | 0.3 | 483 | 0.5 | 0.0 | 350.0 | 24 | 598.6 | 0.8 |
| 2/11/10 22:30 | 4.2 | 693 | 7.8 | 0.3 | 3.8 | 624 | 7.1 | 0.2 | 1.1 | 566 | 2.0 | 0.1 | 0.3 | 479 | 0.5 | 0.0 | 1000.0 | 24 | 1825.5 | 2.4 |
| 2/11/10 23:00 | 3.9 | 693 | 7.3 | 0.3 | 3.4 | 627 | 6.3 | 0.2 | 1.8 | 571 | 3.3 | 0.1 | 0.3 | 487 | 0.5 | 0.0 | 230.0 | 24 | 383.2 | 0.5 |
| 2/11/10 23:30 | 3.7 | 693 | 6.9 | 0.3 | 3.5 | 629 | 6.5 | 0.2 | 1.5 | 576 | 2.7 | 0.1 | 0.4 | 495 | 0.7 | 0.0 | 190.0 | 25 | 312.9 | 0.4 |
| 2/12/10 0:00 | 3.8 | 693 | 7.1 | 0.3 | 3.6 | 632 | 6.7 | 0.2 | 2.0 | 581 | 3.7 | 0.1 | 0.4 | 504 | 0.7 | 0.0 | 400.0 | 25 | 689.8 | 1.0 |
| 2/12/10 0:30 | 5.0 | 693 | 9.3 | 0.4 | 3.6 | 634 | 6.7 | 0.2 | 4.7 | 583 | 8.8 | 0.3 | 0.3 | 508 | 0.5 | 0.0 | 840.0 | 25 | 1516.9 | 2.2 |
| 2/12/10 1:00 | 3.6 | 700 | 6.7 | 0.3 | 5.9 | 642 | 11.1 | 0.4 | 11.3 | 594 | 21.5 | 0.7 | 0.2 | 521 | 0.4 | 0.0 | 560.0 | 26 | 986.1 | 1.4 |
| 2/12/10 1:30 | 3.8 | 700 | 7.1 | 0.3 | 4.6 | 645 | 8.6 | 0.3 | 15.7 | 599 | 30.0 | 1.0 | 0.3 | 530 | 0.5 | 0.0 | 610.0 | 26 | 1079.9 | 1.6 |
| 2/12/10 2:00 | 3.6 | 700 | 6.7 | 0.3 | 6.6 | 651 | 12.4 | 0.5 | 10.5 | 609 | 19.9 | 0.7 | 0.4 | 547 | 0.7 | 0.0 | 1000.0 | 27 | 1825.5 | 2.8 |
| 2/12/10 2:30 | 3.4 | 700 | 6.3 | 0.2 | 12.8 | 655 | 24.4 | 0.9 | 8.3 | 617 | 15.7 | 0.5 | 0.2 | 561 | 0.4 | 0.0 | 600.0 | 28 | 1061.1 | 1.7 |
| 2/12/10 3:00 | 3.5 | 707 | 6.5 | 0.3 | 14.8 | 664 | 28.3 | 1.1 | 15.3 | 628 | 29.2 | 1.0 | 0.3 | 575 | 0.5 | 0.0 | 140.0 | 28 | 226.2 | 0.4 |
| 2/12/10 3:30 | 3.7 | 707 | 6.9 | 0.3 | 12.4 | 670 | 23.6 | 0.9 | 19.8 | 639 | 38.0 | 1.4 | 0.2 | 593 | 0.4 | 0.0 | 79.0 | 29 | 123.2 | 0.2 |
| 2/12/10 4:00 | 3.9 | 714 | 7.3 | 0.3 | 10.8 | 682 | 20.5 | 0.8 | 18.9 | 656 | 36.3 | 1.3 | 0.3 | 617 | 0.5 | 0.0 | 280.0 | 30 | 472.3 | 0.8 |
| 2/12/10 4:30 | 4.8 | 720 | 9.0 | 0.4 | 15.5 | 690 | 29.6 | 1.1 | 22.0 | 665 | 42.4 | 1.6 | 0.3 | 626 | 0.5 | 0.0 | 450.0 | 31 | 781.7 | 1.4 |
| 2/12/10 5:00 | 3.3 | 741 | 6.1 | 0.3 | 19.6 | 709 | 37.7 | 1.5 | 23.4 | 682 | 45.1 | 1.7 | 0.4 | 641 | 0.7 | 0.0 | 180.0 | 31 | 295.4 | 0.5 |
| 2/12/10 5:30 | 4.1 | 755 | 7.6 | 0.3 | 19.8 | 723 | 38.0 | 1.5 | 12.3 | 696 | 23.4 | 0.9 | 0.3 | 656 | 0.5 | 0.0 | 240.0 | 32 | 401.0 | 0.7 |
| 2/12/10 6:00 | 3.7 | 755 | 6.9 | 0.3 | 21.8 | 728 | 42.0 | 1.7 | 5.3 | 705 | 9.9 | 0.4 | 0.3 | 671 | 0.5 | 0.0 | 180.0 | 33 | 295.4 | 0.5 |
| 2/12/10 6:30 | 4.2 | 770 | 7.8 | 0.3 | 19.9 | 744 | 38.2 | 1.6 | 7.4 | 723 | 13.9 | 0.6 | 0.6 | 691 | 1.1 | 0.0 | 160.0 | 34 | 260.7 | 0.5 |
| 2/12/10 7:00 | 6.4 | 791 | 12.0 | 0.5 | 14.3 | 757 | 27.3 | 1.2 | 10.1 | 729 | 19.1 | 0.8 | 0.4 | 686 | 0.7 | 0.0 | 110.0 | 33 | 175.1 | 0.3 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/12/10 7:30 | 10.0 | 799 | 19.0 | 0.9 | 9.4 | 767 | 17.8 | 0.8 | 8.2 | 741 | 15.5 | 0.6 | 0.4 | 702 | 0.7 | 0.0 | 150.0 | 34 | 243.4 | 0.5 |
| 2/12/10 8:00 | 12.0 | 828 | 22.8 | 1.1 | 12.1 | 789 | 23.0 | 1.0 | 7.3 | 756 | 13.7 | 0.6 | 1.1 | 707 | 2.0 | 0.1 | 82.0 | 34 | 128.2 | 0.2 |
| 2/12/10 8:30 | 12.0 | 836 | 22.8 | 1.1 | 11.9 | 794 | 22.6 | 1.0 | 5.8 | 759 | 10.9 | 0.5 | 0.5 | 707 | 0.9 | 0.0 | 75.0 | 34 | 116.6 | 0.2 |
| 2/12/10 9:00 | 12.0 | 851 | 22.8 | 1.1 | 10.2 | 808 | 19.3 | 0.9 | 4.7 | 772 | 8.8 | 0.4 | 0.4 | 717 | 0.7 | 0.0 | 53.0 | 35 | 80.6 | 0.2 |
| 2/12/10 9:30 | 15.0 | 851 | 28.7 | 1.4 | 8.8 | 805 | 16.6 | 0.8 | 4.3 | 765 | 8.0 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 43.0 | 34 | 64.6 | 0.1 |
| 2/12/10 10:00 | 17.0 | 890 | 32.6 | 1.6 | 10.2 | 837 | 19.3 | 0.9 | 4.2 | 794 | 7.8 | 0.3 | 0.5 | 728 | 0.9 | 0.0 | 81.0 | 35 | 126.5 | 0.3 |
| 2/12/10 10:30 | 18.0 | 890 | 34.5 | 1.7 | 8.7 | 832 | 16.4 | 0.8 | 3.3 | 784 | 6.1 | 0.3 | 0.4 | 712 | 0.7 | 0.0 | 48.0 | 35 | 72.6 | 0.1 |
| 2/12/10 11:00 | 17.0 | 897 | 32.6 | 1.6 | 7.3 | 841 | 13.7 | 0.6 | 2.7 | 794 | 5.0 | 0.2 | 0.8 | 722 | 1.4 | 0.1 | 39.0 | 35 | 58.2 | 0.1 |
| 2/12/10 11:30 | 12.0 | 913 | 22.8 | 1.2 | 6.6 | 852 | 12.4 | 0.6 | 2.3 | 800 | 4.2 | 0.2 | 0.3 | 722 | 0.5 | 0.0 | 36.0 | 35 | 53.5 | 0.1 |
| 2/12/10 12:00 | 9.6 | 913 | 18.2 | 0.9 | 5.7 | 850 | 10.7 | 0.5 | 4.6 | 797 | 8.6 | 0.4 | 0.3 | 717 | 0.5 | 0.0 | 41.0 | 35 | 61.4 | 0.1 |
| 2/12/10 12:30 | 9.1 | 913 | 17.2 | 0.9 | 5.7 | 853 | 10.7 | 0.5 | 3.1 | 803 | 5.7 | 0.3 | 0.6 | 728 | 1.1 | 0.0 | 80.0 | 35 | 124.8 | 0.2 |
| 2/12/10 13:00 | 9.5 | 913 | 18.0 | 0.9 | 4.5 | 852 | 8.4 | 0.4 | 2.0 | 800 | 3.7 | 0.2 | 0.4 | 722 | 0.7 | 0.0 | 620.0 | 35 | 1098.7 | 2.2 |
| 2/12/10 13:30 | 9.1 | 913 | 17.2 | 0.9 | 5.4 | 855 | 10.1 | 0.5 | 1.8 | 806 | 3.3 | 0.1 | 0.4 | 733 | 0.7 | 0.0 | 1000.0 | 36 | 1825.5 | 3.7 |
| 2/12/10 14:00 | 9.2 | 921 | 17.4 | 0.9 | 4.9 | 857 | 9.2 | 0.4 | 2.4 | 803 | 4.4 | 0.2 | 0.4 | 722 | 0.7 | 0.0 | 230.0 | 35 | 383.2 | 0.8 |
| 2/12/10 14:30 | 6.9 | 929 | 13.0 | 0.7 | 4.8 | 864 | 9.0 | 0.4 | 2.2 | 810 | 4.0 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 100.0 | 35 | 158.2 | 0.3 |
| 2/12/10 15:00 | 7.1 | 929 | 13.4 | 0.7 | 5.4 | 861 | 10.1 | 0.5 | 4.9 | 803 | 9.2 | 0.4 | 0.3 | 717 | 0.5 | 0.0 | 63.0 | 35 | 96.9 | 0.2 |
| 2/12/10 15:30 | 6.2 | 945 | 11.6 | 0.6 | 5.1 | 872 | 9.5 | 0.5 | 12.8 | 810 | 24.4 | 1.1 | 0.3 | 717 | 0.5 | 0.0 | 89.0 | 35 | 139.8 | 0.3 |
| 2/12/10 16:00 | 6.6 | 937 | 12.4 | 0.7 | 6.0 | 866 | 11.3 | 0.5 | 11.3 | 807 | 21.5 | 1.0 | 0.3 | 717 | 0.5 | 0.0 | 54.0 | 35 | 82.2 | 0.2 |
| 2/12/10 16:30 | 6.4 | 937 | 12.0 | 0.6 | 10.6 | 865 | 20.1 | 1.0 | 6.7 | 804 | 12.6 | 0.6 | 0.3 | 712 | 0.5 | 0.0 | 55.0 | 35 | 83.9 | 0.2 |
| 2/12/10 17:00 | 4.7 | 945 | 8.8 | 0.5 | 14.3 | 870 | 27.3 | 1.3 | 3.3 | 807 | 6.1 | 0.3 | 0.5 | 712 | 0.9 | 0.0 | 90.0 | 35 | 141.5 | 0.3 |
| 2/12/10 17:30 | 4.5 | 937 | 8.4 | 0.4 | 12.0 | 865 | 22.8 | 1.1 | 3.4 | 804 | 6.3 | 0.3 | 0.3 | 712 | 0.5 | 0.0 | 120.0 | 35 | 192.0 | 0.4 |
| 2/12/10 18:00 | 4.9 | 937 | 9.2 | 0.5 | 8.2 | 865 | 15.5 | 0.8 | 3.7 | 804 | 6.9 | 0.3 | 0.4 | 712 | 0.7 | 0.0 | 55.0 | 35 | 83.9 | 0.2 |
| 2/12/10 18:30 | 5.6 | 937 | 10.5 | 0.6 | 6.5 | 866 | 12.2 | 0.6 | 2.1 | 807 | 3.9 | 0.2 | 0.3 | 717 | 0.5 | 0.0 | 100.0 | 35 | 158.2 | 0.3 |
| 2/12/10 19:00 | 4.4 | 937 | 8.2 | 0.4 | 5.7 | 863 | 10.7 | 0.5 | 1.9 | 800 | 3.5 | 0.2 | 0.7 | 707 | 1.3 | 0.0 | 71.0 | 34 | 110.0 | 0.2 |
| 2/12/10 19:30 | 3.8 | 921 | 7.1 | 0.4 | 5.2 | 852 | 9.7 | 0.5 | 2.9 | 794 | 5.4 | 0.2 | 0.3 | 707 | 0.5 | 0.0 | 98.0 | 34 | 154.9 | 0.3 |
| 2/12/10 20:00 | 4.3 | 921 | 8.0 | 0.4 | 6.5 | 849 | 12.2 | 0.6 | 3.4 | 788 | 6.3 | 0.3 | 0.4 | 696 | 0.7 | 0.0 | 56.0 | 34 | 85.5 | 0.2 |
| 2/12/10 20:30 | 6.0 | 937 | 11.3 | 0.6 | 5.3 | 860 | 9.9 | 0.5 | 2.6 | 794 | 4.8 | 0.2 | 0.3 | 696 | 0.5 | 0.0 | 43.0 | 34 | 64.6 | 0.1 |
| 2/12/10 21:00 | 9.2 | 937 | 17.4 | 0.9 | 6.0 | 860 | 11.3 | 0.5 | 2.5 | 794 | 4.6 | 0.2 | 0.4 | 696 | 0.7 | 0.0 | 37.0 | 34 | 55.0 | 0.1 |
| 2/12/10 21:30 | 10.0 | 913 | 19.0 | 1.0 | 5.4 | 843 | 10.1 | 0.5 | 2.4 | 785 | 4.4 | 0.2 | 0.4 | 696 | 0.7 | 0.0 | 44.0 | 34 | 66.2 | 0.1 |
| 2/12/10 22:00 | 9.0 | 929 | 17.0 | 0.9 | 5.4 | 854 | 10.1 | 0.5 | 2.6 | 791 | 4.8 | 0.2 | 0.3 | 696 | 0.5 | 0.0 | 180.0 | 34 | 295.4 | 0.6 |
| 2/12/10 22:30 | 7.0 | 913 | 13.2 | 0.7 | 5.5 | 840 | 10.3 | 0.5 | 2.0 | 778 | 3.7 | 0.2 | 0.3 | 686 | 0.5 | 0.0 | 160.0 | 33 | 260.7 | 0.5 |
| 2/12/10 23:00 | 5.6 | 913 | 10.5 | 0.5 | 5.5 | 843 | 10.3 | 0.5 | 1.8 | 785 | 3.3 | 0.1 | 0.3 | 696 | 0.5 | 0.0 | 64.0 | 34 | 98.5 | 0.2 |
| 2/12/10 23:30 | 4.7 | 913 | 8.8 | 0.5 | 5.0 | 838 | 9.3 | 0.4 | 1.6 | 775 | 2.9 | 0.1 | 0.3 | 681 | 0.5 | 0.0 | 59.0 | 33 | 90.3 | 0.2 |
| 2/13/10 0:00 | 4.2 | 913 | 7.8 | 0.4 | 5.5 | 840 | 10.3 | 0.5 | 1.9 | 778 | 3.5 | 0.2 | 0.4 | 686 | 0.7 | 0.0 | 120.0 | 33 | 192.0 | 0.4 |
| 2/13/10 0:30 | 3.8 | 913 | 7.1 | 0.4 | 4.6 | 837 | 8.6 | 0.4 | 4.6 | 772 | 8.6 | 0.4 | 0.3 | 676 | 0.5 | 0.0 | 61.0 | 33 | 93.6 | 0.2 |
| 2/13/10 1:00 | 4.4 | 905 | 8.2 | 0.4 | 4.8 | 831 | 9.0 | 0.4 | 4.0 | 769 | 7.4 | 0.3 | 0.3 | 676 | 0.5 | 0.0 | 50.0 | 33 | 75.8 | 0.1 |
| 2/13/10 1:30 | 4.5 | 905 | 8.4 | 0.4 | 5.5 | 830 | 10.3 | 0.5 | 2.5 | 766 | 4.6 | 0.2 | 0.3 | 671 | 0.5 | 0.0 | 34.0 | 33 | 50.3 | 0.1 |
| 2/13/10 2:00 | 4.5 | 905 | 8.4 | 0.4 | 7.7 | 830 | 14.5 | 0.7 | 2.7 | 766 | 5.0 | 0.2 | 0.3 | 671 | 0.5 | 0.0 | 43.0 | 33 | 64.6 | 0.1 |
| 2/13/10 2:30 | 4.3 | 905 | 8.0 | 0.4 | 6.6 | 827 | 12.4 | 0.6 | 2.5 | 760 | 4.6 | 0.2 | 0.4 | 661 | 0.7 | 0.0 | 41.0 | 32 | 61.4 | 0.1 |
| 2/13/10 3:00 | 4.5 | 897 | 8.4 | 0.4 | 5.7 | 821 | 10.7 | 0.5 | 2.2 | 757 | 4.0 | 0.2 | 0.4 | 661 | 0.7 | 0.0 | 33.0 | 32 | 48.7 | 0.1 |
| 2/13/10 3:30 | 4.6 | 890 | 8.6 | 0.4 | 5.7 | 814 | 10.7 | 0.5 | 1.9 | 751 | 3.5 | 0.1 | 0.3 | 656 | 0.5 | 0.0 | 29.0 | 32 | 42.5 | 0.1 |
| 2/13/10 4:00 | 4.0 | 882 | 7.4 | 0.4 | 5.5 | 807 | 10.3 | 0.5 | 1.5 | 745 | 2.7 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 25.0 | 32 | 36.3 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/13/10 4:30 | 4.2 | 882 | 7.8 | 0.4 | 9.3 | 806 | 17.6 | 0.8 | 1.7 | 742 | 3.1 | 0.1 | 0.3 | 646 | 0.5 | 0.0 | 24.0 | 32 | 34.8 | 0.1 |
| 2/13/10 5:00 | 3.6 | 882 | 6.7 | 0.3 | 5.4 | 807 | 10.1 | 0.5 | 1.8 | 745 | 3.3 | 0.1 | 0.5 | 651 | 0.9 | 0.0 | 24.0 | 32 | 34.8 | 0.1 |
| 2/13/10 5:30 | 3.7 | 874 | 6.9 | 0.3 | 4.3 | 802 | 8.0 | 0.4 | 1.4 | 742 | 2.6 | 0.1 | 0.4 | 651 | 0.7 | 0.0 | 20.0 | 32 | 28.6 | 0.1 |
| 2/13/10 6:00 | 4.6 | 882 | 8.6 | 0.4 | 4.0 | 804 | 7.4 | 0.3 | 1.4 | 739 | 2.6 | 0.1 | 0.3 | 641 | 0.5 | 0.0 | 24.0 | 31 | 34.8 | 0.1 |
| 2/13/10 6:30 | 5.2 | 874 | 9.7 | 0.5 | 4.0 | 801 | 7.4 | 0.3 | 1.0 | 739 | 1.8 | 0.1 | 0.3 | 646 | 0.5 | 0.0 | 70.0 | 32 | 108.3 | 0.2 |
| 2/13/10 7:00 | 5.0 | 866 | 9.3 | 0.5 | 3.8 | 792 | 7.1 | 0.3 | 1.0 | 730 | 1.8 | 0.1 | 0.3 | 636 | 0.5 | 0.0 | 64.0 | 31 | 98.5 | 0.2 |
| 2/13/10 7:30 | 4.3 | 874 | 8.0 | 0.4 | 4.0 | 799 | 7.4 | 0.3 | 1.0 | 736 | 1.8 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 85.0 | 31 | 133.1 | 0.2 |
| 2/13/10 8:00 | 4.2 | 866 | 7.8 | 0.4 | 3.9 | 792 | 7.3 | 0.3 | 0.9 | 730 | 1.6 | 0.1 | 0.3 | 636 | 0.5 | 0.0 | 75.0 | 31 | 116.6 | 0.2 |
| 2/13/10 8:30 | 3.9 | 866 | 7.3 | 0.4 | 3.7 | 791 | 6.9 | 0.3 | 1.1 | 727 | 2.0 | 0.1 | 0.4 | 631 | 0.7 | 0.0 | 100.0 | 31 | 158.2 | 0.3 |
| 2/13/10 9:00 | 4.2 | 851 | 7.8 | 0.4 | 4.0 | 780 | 7.4 | 0.3 | 1.8 | 721 | 3.3 | 0.1 | 0.4 | 631 | 0.7 | 0.0 | 210.0 | 31 | 347.9 | 0.6 |
| 2/13/10 9:30 | 3.7 | 859 | 6.9 | 0.3 | 3.7 | 782 | 6.9 | 0.3 | 2.4 | 718 | 4.4 | 0.2 | 0.4 | 622 | 0.7 | 0.0 | 170.0 | 31 | 278.0 | 0.5 |
| 2/13/10 10:00 | 3.4 | 851 | 6.3 | 0.3 | 3.8 | 779 | 7.1 | 0.3 | 2.2 | 718 | 4.0 | 0.2 | 0.3 | 626 | 0.5 | 0.0 | 77.0 | 31 | 119.9 | 0.2 |
| 2/13/10 10:30 | 5.5 | 851 | 10.3 | 0.5 | 3.4 | 777 | 6.2 | 0.3 | 2.0 | 715 | 3.7 | 0.1 | 0.3 | 622 | 0.5 | 0.0 | 72.0 | 31 | 111.6 | 0.2 |
| 2/13/10 11:00 | 3.4 | 859 | 6.3 | 0.3 | 2.9 | 781 | 5.4 | 0.2 | 2.7 | 715 | 5.0 | 0.2 | 0.3 | 617 | 0.5 | 0.0 | 52.0 | 30 | 79.0 | 0.1 |
| 2/13/10 11:30 | 4.1 | 843 | 7.6 | 0.4 | 1.9 | 770 | 3.5 | 0.2 | 4.4 | 709 | 8.2 | 0.3 | 0.3 | 617 | 0.5 | 0.0 | 44.0 | 30 | 66.2 | 0.1 |
| 2/13/10 12:00 | 3.5 | 843 | 6.5 | 0.3 | 2.6 | 767 | 4.8 | 0.2 | 4.1 | 703 | 7.6 | 0.3 | 0.3 | 607 | 0.5 | 0.0 | 33.0 | 30 | 48.7 | 0.1 |
| 2/13/10 12:30 | 3.2 | 843 | 5.9 | 0.3 | 2.6 | 769 | 4.8 | 0.2 | 3.2 | 706 | 6.0 | 0.2 | 0.3 | 612 | 0.5 | 0.0 | 30.0 | 30 | 44.0 | 0.1 |
| 2/13/10 13:00 | 3.2 | 836 | 5.9 | 0.3 | 3.7 | 761 | 6.9 | 0.3 | 2.4 | 697 | 4.4 | 0.2 | 0.3 | 602 | 0.5 | 0.0 | 120.0 | 30 | 192.0 | 0.3 |
| 2/13/10 13:30 | 2.8 | 836 | 5.2 | 0.2 | 3.2 | 764 | 5.9 | 0.3 | 1.5 | 703 | 2.7 | 0.1 | 0.3 | 612 | 0.5 | 0.0 | 140.0 | 30 | 226.2 | 0.4 |
| 2/13/10 14:00 | 3.6 | 836 | 6.7 | 0.3 | 2.7 | 758 | 5.0 | 0.2 | 2.0 | 692 | 3.7 | 0.1 | 0.4 | 593 | 0.7 | 0.0 | 100.7 | 29 | 159.3 | 0.3 |
| 2/13/10 14:30 | 3.2 | 821 | 5.9 | 0.3 | 2.2 | 749 | 4.0 | 0.2 | 1.4 | 689 | 2.6 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 51.0 | 29 | 77.4 | 0.1 |
| 2/13/10 15:00 | 3.2 | 821 | 5.9 | 0.3 | 1.4 | 751 | 2.6 | 0.1 | 1.6 | 691 | 2.9 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 42.0 | 30 | 63.0 | 0.1 |
| 2/13/10 15:30 | 3.6 | 828 | 6.7 | 0.3 | 1.3 | 753 | 2.4 | 0.1 | 2.6 | 689 | 4.8 | 0.2 | 0.3 | 593 | 0.5 | 0.0 | 37.0 | 29 | 55.0 | 0.1 |
| 2/13/10 16:00 | 3.7 | 828 | 6.9 | 0.3 | 0.8 | 753 | 1.4 | 0.1 | 4.2 | 689 | 7.8 | 0.3 | 0.2 | 593 | 0.4 | 0.0 | 35.0 | 29 | 51.9 | 0.1 |
| 2/13/10 16:30 | 3.9 | 821 | 7.3 | 0.3 | 1.3 | 744 | 2.4 | 0.1 | 4.0 | 680 | 7.4 | 0.3 | 0.3 | 584 | 0.5 | 0.0 | 42.0 | 29 | 63.0 | 0.1 |
| 2/13/10 17:00 | 4.9 | 813 | 9.2 | 0.4 | 2.1 | 741 | 3.9 | 0.2 | 2.7 | 680 | 5.0 | 0.2 | 0.4 | 588 | 0.7 | 0.0 | 44.0 | 29 | 66.2 | 0.1 |
| 2/13/10 17:30 | 5.1 | 806 | 9.5 | 0.4 | 3.2 | 733 | 5.9 | 0.2 | 1.6 | 671 | 2.9 | 0.1 | 0.5 | 579 | 0.9 | 0.0 | 33.0 | 29 | 48.7 | 0.1 |
| 2/13/10 18:00 | 5.6 | 806 | 10.5 | 0.5 | 3.5 | 733 | 6.5 | 0.3 | 1.3 | 671 | 2.4 | 0.1 | 0.3 | 579 | 0.5 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/13/10 18:30 | 4.8 | 806 | 9.0 | 0.4 | 2.4 | 731 | 4.4 | 0.2 | 1.4 | 669 | 2.6 | 0.1 | 0.6 | 575 | 1.1 | 0.0 | 27.0 | 28 | 39.4 | 0.1 |
| 2/13/10 19:00 | 4.2 | 799 | 7.8 | 0.4 | 1.6 | 724 | 2.9 | 0.1 | 1.0 | 660 | 1.8 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 27.0 | 28 | 39.4 | 0.1 |
| 2/13/10 19:30 | 3.9 | 791 | 7.3 | 0.3 | 1.3 | 723 | 2.4 | 0.1 | 1.3 | 665 | 2.4 | 0.1 | 0.4 | 579 | 0.7 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/13/10 20:00 | 3.7 | 791 | 6.9 | 0.3 | 1.0 | 719 | 1.8 | 0.1 | 1.2 | 657 | 2.2 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 23.0 | 28 | 33.2 | 0.1 |
| 2/13/10 20:30 | 3.2 | 784 | 5.9 | 0.3 | 1.2 | 714 | 2.2 | 0.1 | 0.8 | 654 | 1.4 | 0.1 | 0.4 | 565 | 0.7 | 0.0 | 28.0 | 28 | 40.9 | 0.1 |
| 2/13/10 21:00 | 3.3 | 784 | 6.1 | 0.3 | 0.7 | 714 | 1.3 | 0.1 | 1.1 | 654 | 2.0 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |
| 2/13/10 21:30 | 4.0 | 791 | 7.4 | 0.3 | 1.3 | 717 | 2.4 | 0.1 | 0.7 | 655 | 1.3 | 0.0 | 0.3 | 561 | 0.5 | 0.0 | 24.0 | 28 | 34.8 | 0.1 |
| 2/13/10 22:00 | 4.1 | 762 | 7.6 | 0.3 | 1.0 | 696 | 1.8 | 0.1 | 0.7 | 640 | 1.3 | 0.0 | 0.3 | 556 | 0.5 | 0.0 | 20.0 | 27 | 28.6 | 0.0 |
| 2/13/10 22:30 | 4.6 | 777 | 8.6 | 0.4 | 0.5 | 706 | 0.9 | 0.0 | 0.8 | 646 | 1.4 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 22.0 | 27 | 31.7 | 0.0 |
| 2/13/10 23:00 | 5.1 | 777 | 9.5 | 0.4 | 0.7 | 704 | 1.3 | 0.0 | 0.6 | 643 | 1.1 | 0.0 | 0.3 | 552 | 0.5 | 0.0 | 21.0 | 27 | 30.2 | 0.0 |
| 2/13/10 23:30 | 4.1 | 770 | 7.6 | 0.3 | 1.0 | 700 | 1.8 | 0.1 | 0.9 | 640 | 1.6 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 24.0 | 27 | 34.8 | 0.1 |
| 2/14/10 0:00 | 3.5 | 762 | 6.5 | 0.3 | 0.9 | 693 | 1.6 | 0.1 | 1.3 | 635 | 2.4 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 22.0 | 27 | 31.7 | 0.0 |
| 2/14/10 0:30 | 3.8 | 762 | 7.1 | 0.3 | 0.7 | 693 | 1.3 | 0.0 | 0.7 | 635 | 1.3 | 0.0 | 0.2 | 547 | 0.4 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 2/14/10 1:00 | 3.1 | 762 | 5.7 | 0.2 | 0.8 | 692 | 1.4 | 0.1 | 0.7 | 632 | 1.3 | 0.0 | 0.3 | 543 | 0.5 | 0.0 | 17.0 | 27 | 24.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/14/10 1:30 | 3.1 | 755 | 5.7 | 0.2 | 0.7 | 686 | 1.3 | 0.0 | 0.9 | 627 | 1.6 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 16.0 | 27 | 22.6 | 0.0 |
| 2/14/10 2:00 | 3.5 | 762 | 6.5 | 0.3 | 0.8 | 690 | 1.4 | 0.1 | 0.6 | 630 | 1.1 | 0.0 | 0.3 | 539 | 0.5 | 0.0 | 17.0 | 27 | 24.1 | 0.0 |
| 2/14/10 2:30 | 3.5 | 755 | 6.5 | 0.3 | 0.5 | 683 | 0.9 | 0.0 | 1.0 | 622 | 1.8 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 16.0 | 26 | 22.6 | 0.0 |
| 2/14/10 3:00 | 3.1 | 755 | 5.7 | 0.2 | 1.0 | 684 | 1.8 | 0.1 | 0.9 | 624 | 1.6 | 0.1 | 0.4 | 534 | 0.7 | 0.0 | 17.0 | 26 | 24.1 | 0.0 |
| 2/14/10 3:30 | 3.6 | 755 | 6.7 | 0.3 | 0.8 | 684 | 1.4 | 0.1 | 0.7 | 624 | 1.3 | 0.0 | 0.3 | 534 | 0.5 | 0.0 | 20.0 | 26 | 28.6 | 0.0 |
| 2/14/10 4:00 | 3.2 | 748 | 5.9 | 0.2 | 0.4 | 679 | 0.7 | 0.0 | 0.7 | 621 | 1.3 | 0.0 | 0.4 | 534 | 0.7 | 0.0 | 24.0 | 26 | 34.8 | 0.1 |
| 2/14/10 4:30 | 3.9 | 762 | 7.3 | 0.3 | 1.3 | 690 | 2.4 | 0.1 | 1.4 | 630 | 2.6 | 0.1 | 0.3 | 539 | 0.5 | 0.0 | 200.0 | 27 | 330.4 | 0.5 |
| 2/14/10 5:00 | 3.2 | 762 | 5.9 | 0.3 | 0.7 | 690 | 1.3 | 0.0 | 0.6 | 630 | 1.1 | 0.0 | 0.4 | 539 | 0.7 | 0.0 | 250.0 | 27 | 418.7 | 0.6 |
| 2/14/10 5:30 | 3.7 | 755 | 6.9 | 0.3 | 0.7 | 687 | 1.3 | 0.0 | 0.8 | 629 | 1.4 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 81.0 | 27 | 126.5 | 0.2 |
| 2/14/10 6:00 | 3.1 | 762 | 5.7 | 0.2 | 0.8 | 695 | 1.4 | 0.1 | 2.6 | 638 | 4.8 | 0.2 | 0.4 | 552 | 0.7 | 0.0 | 350.0 | 27 | 598.6 | 0.9 |
| 2/14/10 6:30 | 2.9 | 755 | 5.4 | 0.2 | 0.5 | 693 | 0.9 | 0.0 | 0.7 | 640 | 1.3 | 0.0 | 1.4 | 561 | 2.6 | 0.1 | 430.0 | 28 | 744.9 | 1.2 |
| 2/14/10 7:00 | 3.6 | 748 | 6.7 | 0.3 | 0.7 | 685 | 1.3 | 0.0 | 2.5 | 632 | 4.6 | 0.2 | 0.3 | 552 | 0.5 | 0.0 | 320.0 | 27 | 544.2 | 0.8 |
| 2/14/10 7:30 | 3.3 | 755 | 6.1 | 0.3 | 0.8 | 694 | 1.4 | 0.1 | 5.3 | 643 | 9.9 | 0.4 | 0.3 | 565 | 0.5 | 0.0 | 400.0 | 28 | 689.8 | 1.1 |
| 2/14/10 8:00 | 3.1 | 755 | 5.7 | 0.2 | 0.9 | 693 | 1.6 | 0.1 | 4.9 | 640 | 9.2 | 0.3 | 0.3 | 561 | 0.5 | 0.0 | 390.0 | 28 | 671.5 | 1.0 |
| 2/14/10 8:30 | 3.1 | 762 | 5.7 | 0.2 | 1.5 | 699 | 2.7 | 0.1 | 6.6 | 646 | 12.4 | 0.5 | 0.4 | 565 | 0.7 | 0.0 | 160.0 | 28 | 260.7 | 0.4 |
| 2/14/10 9:00 | 3.2 | 762 | 5.9 | 0.3 | 3.5 | 700 | 6.5 | 0.3 | 11.5 | 648 | 21.9 | 0.8 | 0.4 | 570 | 0.7 | 0.0 | 96.0 | 28 | 151.5 | 0.2 |
| 2/14/10 9:30 | 3.1 | 762 | 5.7 | 0.2 | 3.8 | 700 | 7.1 | 0.3 | 10.1 | 648 | 19.1 | 0.7 | 0.4 | 570 | 0.7 | 0.0 | 100.0 | 28 | 158.2 | 0.3 |
| 2/14/10 10:00 | 3.3 | 770 | 6.1 | 0.3 | 5.2 | 708 | 9.7 | 0.4 | 10.6 | 657 | 20.1 | 0.7 | 0.4 | 579 | 0.7 | 0.0 | 210.0 | 29 | 347.9 | 0.6 |
| 2/14/10 10:30 | 3.3 | 770 | 6.1 | 0.3 | 8.1 | 705 | 15.3 | 0.6 | 10.3 | 651 | 19.5 | 0.7 | 0.4 | 570 | 0.7 | 0.0 | 190.0 | 28 | 312.9 | 0.5 |
| 2/14/10 11:00 | 3.4 | 770 | 6.3 | 0.3 | 8.0 | 707 | 15.1 | 0.6 | 8.1 | 654 | 15.3 | 0.6 | 0.3 | 575 | 0.5 | 0.0 | 110.0 | 28 | 175.1 | 0.3 |
| 2/14/10 11:30 | 2.7 | 784 | 5.0 | 0.2 | 7.7 | 718 | 14.5 | 0.6 | 4.7 | 663 | 8.8 | 0.3 | 0.6 | 579 | 1.1 | 0.0 | 64.0 | 29 | 98.5 | 0.2 |
| 2/14/10 12:00 | 3.1 | 784 | 5.7 | 0.3 | 8.4 | 718 | 15.9 | 0.6 | 3.6 | 663 | 6.7 | 0.2 | 0.4 | 579 | 0.7 | 0.0 | 180.0 | 29 | 295.4 | 0.5 |
| 2/14/10 12:30 | 3.1 | 799 | 5.7 | 0.3 | 7.0 | 731 | 13.2 | 0.5 | 4.5 | 674 | 8.4 | 0.3 | 0.4 | 588 | 0.7 | 0.0 | 94.0 | 29 | 148.2 | 0.2 |
| 2/14/10 13:00 | 3.2 | 791 | 5.9 | 0.3 | 4.3 | 729 | 8.0 | 0.3 | 5.6 | 677 | 10.5 | 0.4 | 0.3 | 598 | 0.5 | 0.0 | 200.0 | 29 | 330.4 | 0.5 |
| 2/14/10 13:30 | 4.7 | 806 | 8.8 | 0.4 | 3.2 | 740 | 5.9 | 0.2 | 4.9 | 685 | 9.2 | 0.4 | 0.3 | 602 | 0.5 | 0.0 | 310.0 | 30 | 526.2 | 0.9 |
| 2/14/10 14:00 | 5.6 | 799 | 10.5 | 0.5 | 4.0 | 739 | 7.4 | 0.3 | 3.3 | 688 | 6.1 | 0.2 | 0.3 | 612 | 0.5 | 0.0 | 460.0 | 30 | 800.2 | 1.4 |
| 2/14/10 14:30 | 6.0 | 806 | 11.3 | 0.5 | 4.6 | 744 | 8.6 | 0.4 | 4.5 | 691 | 8.4 | 0.3 | 0.3 | 612 | 0.5 | 0.0 | 550.0 | 30 | 967.4 | 1.6 |
| 2/14/10 15:00 | 7.2 | 813 | 13.6 | 0.6 | 4.1 | 752 | 7.6 | 0.3 | 3.6 | 700 | 6.7 | 0.3 | 0.4 | 622 | 0.7 | 0.0 | 400.0 | 31 | 689.8 | 1.2 |
| 2/14/10 15:30 | 8.4 | 813 | 15.9 | 0.7 | 2.9 | 755 | 5.4 | 0.2 | 5.3 | 705 | 9.9 | 0.4 | 0.3 | 631 | 0.5 | 0.0 | 340.0 | 31 | 580.4 | 1.0 |
| 2/14/10 16:00 | 9.3 | 813 | 17.6 | 0.8 | 3.6 | 756 | 6.7 | 0.3 | 9.5 | 708 | 18.0 | 0.7 | 0.3 | 636 | 0.5 | 0.0 | 190.0 | 31 | 312.9 | 0.5 |
| 2/14/10 16:30 | 9.3 | 821 | 17.6 | 0.8 | 4.3 | 763 | 8.0 | 0.3 | 12.9 | 714 | 24.6 | 1.0 | 0.3 | 641 | 0.5 | 0.0 | 120.0 | 31 | 192.0 | 0.3 |
| 2/14/10 17:00 | 8.3 | 821 | 15.7 | 0.7 | 5.3 | 765 | 9.9 | 0.4 | 14.7 | 717 | 28.1 | 1.1 | 0.4 | 646 | 0.7 | 0.0 | 100.0 | 32 | 158.2 | 0.3 |
| 2/14/10 17:30 | 7.8 | 828 | 14.7 | 0.7 | 7.6 | 771 | 14.3 | 0.6 | 12.8 | 723 | 24.4 | 1.0 | 0.3 | 651 | 0.5 | 0.0 | 98.0 | 32 | 154.9 | 0.3 |
| 2/14/10 18:00 | 6.0 | 843 | 11.3 | 0.5 | 10.5 | 785 | 19.9 | 0.9 | 10.3 | 735 | 19.5 | 0.8 | 0.3 | 661 | 0.5 | 0.0 | 62.0 | 32 | 95.2 | 0.2 |
| 2/14/10 18:30 | 5.9 | 843 | 11.1 | 0.5 | 10.6 | 786 | 20.1 | 0.9 | 7.5 | 738 | 14.1 | 0.6 | 0.3 | 666 | 0.5 | 0.0 | 65.0 | 33 | 100.1 | 0.2 |
| 2/14/10 19:00 | 6.1 | 851 | 11.4 | 0.5 | 10.6 | 793 | 20.1 | 0.9 | 5.1 | 744 | 9.5 | 0.4 | 0.4 | 671 | 0.7 | 0.0 | 57.0 | 33 | 87.1 | 0.2 |
| 2/14/10 19:30 | 6.0 | 866 | 11.3 | 0.5 | 8.0 | 805 | 15.1 | 0.7 | 3.3 | 753 | 6.1 | 0.3 | 0.3 | 676 | 0.5 | 0.0 | 52.0 | 33 | 79.0 | 0.1 |
| 2/14/10 20:00 | 5.4 | 874 | 10.1 | 0.5 | 5.8 | 812 | 10.9 | 0.5 | 3.8 | 759 | 7.1 | 0.3 | 0.7 | 681 | 1.3 | 0.0 | 42.0 | 33 | 63.0 | 0.1 |
| 2/14/10 20:30 | 5.5 | 874 | 10.3 | 0.5 | 4.1 | 815 | 7.6 | 0.3 | 2.6 | 766 | 4.8 | 0.2 | 0.3 | 691 | 0.5 | 0.0 | 38.0 | 34 | 56.6 | 0.1 |
| 2/14/10 21:00 | 5.7 | 874 | 10.7 | 0.5 | 3.6 | 812 | 6.7 | 0.3 | 2.3 | 759 | 4.2 | 0.2 | 0.3 | 681 | 0.5 | 0.0 | 55.0 | 33 | 83.9 | 0.2 |
| 2/14/10 21:30 | 6.1 | 882 | 11.4 | 0.6 | 3.0 | 815 | 5.6 | 0.3 | 2.2 | 760 | 4.0 | 0.2 | 0.5 | 676 | 0.9 | 0.0 | 38.0 | 33 | 56.6 | 0.1 |
| 2/14/10 22:00 | 7.9 | 882 | 14.9 | 0.7 | 2.4 | 815 | 4.4 | 0.2 | 2.0 | 760 | 3.7 | 0.2 | 0.4 | 676 | 0.7 | 0.0 | 34.0 | 33 | 50.3 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/14/10 22:30 | 9.9 | 890 | 18.8 | 0.9 | 2.6 | 822 | 4.8 | 0.2 | 1.9 | 766 | 3.5 | 0.1 | 0.5 | 681 | 0.9 | 0.0 | 38.0 | 33 | 56.6 | 0.1 |
| 2/14/10 23:00 | 11.0 | 897 | 20.9 | 1.1 | 2.1 | 828 | 3.9 | 0.2 | 1.7 | 769 | 3.1 | 0.1 | 0.3 | 681 | 0.5 | 0.0 | 35.0 | 33 | 51.9 | 0.1 |
| 2/14/10 23:30 | 10.0 | 897 | 19.0 | 1.0 | 1.7 | 826 | 3.1 | 0.1 | 2.2 | 766 | 4.0 | 0.2 | 0.3 | 676 | 0.5 | 0.0 | 36.0 | 33 | 53.5 | 0.1 |
| 2/15/10 0:00 | 9.3 | 890 | 17.6 | 0.9 | 1.7 | 821 | 3.1 | 0.1 | 1.5 | 763 | 2.7 | 0.1 | 0.5 | 676 | 0.9 | 0.0 | 34.0 | 33 | 50.3 | 0.1 |
| 2/15/10 0:30 | 8.9 | 897 | 16.8 | 0.8 | 1.6 | 824 | 2.9 | 0.1 | 1.7 | 763 | 3.1 | 0.1 | 0.3 | 671 | 0.5 | 0.0 | 36.0 | 33 | 53.5 | 0.1 |
| 2/15/10 1:00 | 6.9 | 897 | 13.0 | 0.7 | 1.6 | 823 | 2.9 | 0.1 | 2.5 | 760 | 4.6 | 0.2 | 0.3 | 666 | 0.5 | 0.0 | 33.0 | 33 | 48.7 | 0.1 |
| 2/15/10 1:30 | 5.6 | 897 | 10.5 | 0.5 | 1.6 | 823 | 2.9 | 0.1 | 2.6 | 760 | 4.7 | 0.2 | 0.3 | 666 | 0.5 | 0.0 | 29.0 | 33 | 42.5 | 0.1 |
| 2/15/10 2:00 | 5.4 | 897 | 10.1 | 0.5 | 1.4 | 823 | 2.6 | 0.1 | 2.6 | 760 | 4.9 | 0.2 | 0.3 | 666 | 0.5 | 0.0 | 30.0 | 33 | 44.0 | 0.1 |
| 2/15/10 2:30 | 4.5 | 890 | 8.4 | 0.4 | 1.7 | 816 | 3.1 | 0.1 | 2.7 | 754 | 5.0 | 0.2 | 0.4 | 661 | 0.7 | 0.0 | 27.0 | 32 | 39.4 | 0.1 |
| 2/15/10 3:00 | 4.3 | 897 | 8.0 | 0.4 | 3.4 | 818 | 6.3 | 0.3 | 2.8 | 751 | 5.1 | 0.2 | 0.3 | 651 | 0.5 | 0.0 | 29.0 | 32 | 42.5 | 0.1 |
| 2/15/10 3:30 | 4.2 | 897 | 7.8 | 0.4 | 1.5 | 818 | 2.7 | 0.1 | 2.8 | 751 | 5.2 | 0.2 | 0.5 | 651 | 0.9 | 0.0 | 25.0 | 32 | 36.3 | 0.1 |
| 2/15/10 4:00 | 4.8 | 890 | 9.0 | 0.4 | 1.5 | 814 | 2.7 | 0.1 | 2.9 | 751 | 5.4 | 0.2 | 0.3 | 656 | 0.5 | 0.0 | 25.0 | 32 | 36.3 | 0.1 |
| 2/15/10 4:30 | 3.8 | 890 | 7.1 | 0.4 | 3.2 | 811 | 5.9 | 0.3 | 3.0 | 745 | 5.5 | 0.2 | 0.3 | 646 | 0.5 | 0.0 | 26.0 | 32 | 37.8 | 0.1 |
| 2/15/10 5:00 | 3.6 | 890 | 6.7 | 0.3 | 1.2 | 811 | 2.2 | 0.1 | 3.0 | 745 | 5.6 | 0.2 | 0.4 | 646 | 0.7 | 0.0 | 29.0 | 32 | 42.5 | 0.1 |
| 2/15/10 5:30 | 4.0 | 882 | 7.4 | 0.4 | 1.5 | 804 | 2.7 | 0.1 | 3.1 | 739 | 5.7 | 0.2 | 0.3 | 641 | 0.5 | 0.0 | 23.0 | 31 | 33.2 | 0.1 |
| 2/15/10 6:00 | 3.8 | 874 | 7.1 | 0.3 | 1.0 | 799 | 1.8 | 0.1 | 3.2 | 736 | 5.9 | 0.2 | 0.3 | 641 | 0.5 | 0.0 | 28.0 | 31 | 40.9 | 0.1 |
| 2/15/10 6:30 | 3.5 | 882 | 6.5 | 0.3 | 1.0 | 801 | 1.8 | 0.1 | 3.2 | 733 | 6.0 | 0.2 | 0.3 | 631 | 0.5 | 0.0 | 86.0 | 31 | 134.8 | 0.2 |
| 2/15/10 7:00 | 3.6 | 882 | 6.7 | 0.3 | 1.0 | 801 | 1.8 | 0.1 | 3.3 | 733 | 6.1 | 0.3 | 0.3 | 631 | 0.5 | 0.0 | 38.0 | 31 | 56.6 | 0.1 |
| 2/15/10 7:30 | 3.6 | 874 | 6.7 | 0.3 | 1.0 | 796 | 1.8 | 0.1 | 3.4 | 730 | 6.2 | 0.3 | 0.3 | 631 | 0.5 | 0.0 | 35.0 | 31 | 51.9 | 0.1 |
| 2/15/10 8:00 | 3.3 | 866 | 6.1 | 0.3 | 1.1 | 791 | 2.0 | 0.1 | 3.4 | 727 | 6.4 | 0.3 | 1.7 | 631 | 3.1 | 0.1 | 35.0 | 31 | 51.9 | 0.1 |
| 2/15/10 8:30 | 3.4 | 874 | 6.3 | 0.3 | 0.8 | 793 | 1.4 | 0.1 | 3.5 | 724 | 6.5 | 0.3 | 0.3 | 622 | 0.5 | 0.0 | 31.0 | 31 | 45.6 | 0.1 |
| 2/15/10 9:00 | 3.5 | 859 | 6.5 | 0.3 | 1.2 | 782 | 2.2 | 0.1 | 3.6 | 718 | 6.6 | 0.3 | 0.3 | 622 | 0.5 | 0.0 | 26.0 | 31 | 37.8 | 0.1 |
| 2/15/10 9:30 | 3.1 | 859 | 5.7 | 0.3 | 1.3 | 781 | 2.4 | 0.1 | 3.6 | 715 | 6.7 | 0.3 | 0.2 | 617 | 0.4 | 0.0 | 210.0 | 30 | 347.9 | 0.6 |
| 2/15/10 10:00 | 3.7 | 851 | 6.9 | 0.3 | 1.2 | 774 | 2.2 | 0.1 | 3.7 | 709 | 6.9 | 0.3 | 0.3 | 612 | 0.5 | 0.0 | 150.0 | 30 | 243.4 | 0.4 |
| 2/15/10 10:30 | 3.4 | 851 | 6.3 | 0.3 | 1.6 | 774 | 2.9 | 0.1 | 3.8 | 709 | 7.0 | 0.3 | 0.3 | 612 | 0.5 | 0.0 | 48.0 | 30 | 72.6 | 0.1 |
| 2/15/10 11:00 | 3.2 | 851 | 5.9 | 0.3 | 1.9 | 772 | 3.5 | 0.2 | 3.8 | 706 | 7.1 | 0.3 | 0.3 | 607 | 0.5 | 0.0 | 34.0 | 30 | 50.3 | 0.1 |
| 2/15/10 11:30 | 3.4 | 851 | 6.3 | 0.3 | 1.4 | 771 | 2.6 | 0.1 | 3.9 | 704 | 7.2 | 0.3 | 0.3 | 602 | 0.5 | 0.0 | 29.0 | 30 | 42.5 | 0.1 |
| 2/15/10 12:00 | 3.5 | 851 | 6.5 | 0.3 | 1.3 | 771 | 2.4 | 0.1 | 4.0 | 704 | 7.4 | 0.3 | 0.4 | 602 | 0.7 | 0.0 | 25.0 | 30 | 36.3 | 0.1 |
| 2/15/10 12:30 | 3.2 | 843 | 5.9 | 0.3 | 1.4 | 766 | 2.6 | 0.1 | 4.0 | 700 | 7.5 | 0.3 | 0.3 | 602 | 0.5 | 0.0 | 29.0 | 30 | 42.5 | 0.1 |
| 2/15/10 13:00 | 3.5 | 836 | 6.5 | 0.3 | 1.3 | 758 | 2.4 | 0.1 | 4.1 | 692 | 7.6 | 0.3 | 0.3 | 593 | 0.5 | 0.0 | 22.0 | 29 | 31.7 | 0.1 |
| 2/15/10 13:30 | 3.1 | 843 | 5.7 | 0.3 | 2.8 | 763 | 5.2 | 0.2 | 4.2 | 695 | 7.7 | 0.3 | 0.3 | 593 | 0.5 | 0.0 | 22.0 | 29 | 31.7 | 0.1 |
| 2/15/10 14:00 | 3.3 | 828 | 6.1 | 0.3 | 4.0 | 751 | 7.4 | 0.3 | 4.2 | 686 | 7.9 | 0.3 | 0.5 | 588 | 0.9 | 0.0 | 21.0 | 29 | 30.2 | 0.0 |
| 2/15/10 14:30 | 3.3 | 828 | 6.1 | 0.3 | 2.2 | 750 | 4.0 | 0.2 | 4.3 | 683 | 8.0 | 0.3 | 0.5 | 584 | 0.9 | 0.0 | 20.0 | 29 | 28.6 | 0.0 |
| 2/15/10 15:00 | 3.3 | 821 | 6.1 | 0.3 | 1.6 | 744 | 2.9 | 0.1 | 4.4 | 680 | 8.1 | 0.3 | 0.4 | 584 | 0.7 | 0.0 | 62.0 | 29 | 95.2 | 0.2 |
| 2/15/10 15:30 | 3.7 | 813 | 6.9 | 0.3 | 1.5 | 738 | 2.7 | 0.1 | 4.4 | 674 | 8.2 | 0.3 | 0.4 | 579 | 0.7 | 0.0 | 38.0 | 29 | 56.6 | 0.1 |
| 2/15/10 16:00 | 3.5 | 813 | 6.5 | 0.3 | 1.3 | 736 | 2.4 | 0.1 | 4.5 | 672 | 8.4 | 0.3 | 0.3 | 575 | 0.5 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |
| 2/15/10 16:30 | 3.7 | 813 | 6.9 | 0.3 | 1.6 | 735 | 2.9 | 0.1 | 4.6 | 669 | 8.5 | 0.3 | 0.3 | 570 | 0.5 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |
| 2/15/10 17:00 | 3.5 | 813 | 6.5 | 0.3 | 1.7 | 734 | 3.1 | 0.1 | 4.6 | 666 | 8.6 | 0.3 | 0.5 | 565 | 0.9 | 0.0 | 21.0 | 28 | 30.2 | 0.0 |
| 2/15/10 17:30 | 3.2 | 813 | 5.9 | 0.3 | 1.9 | 735 | 3.5 | 0.1 | 4.7 | 669 | 8.7 | 0.3 | 0.3 | 570 | 0.5 | 0.0 | 22.0 | 28 | 31.7 | 0.1 |
| 2/15/10 18:00 | 4.2 | 799 | 7.8 | 0.4 | 1.1 | 724 | 2.0 | 0.1 | 4.7 | 660 | 8.9 | 0.3 | 0.3 | 565 | 0.5 | 0.0 | 20.0 | 28 | 28.6 | 0.0 |
| 2/15/10 18:30 | 4.7 | 791 | 8.8 | 0.4 | 1.3 | 720 | 2.4 | 0.1 | 4.8 | 660 | 9.0 | 0.3 | 0.4 | 570 | 0.7 | 0.0 | 18.0 | 28 | 25.6 | 0.0 |
| 2/15/10 19:00 | 4.9 | 799 | 9.2 | 0.4 | 1.5 | 721 | 2.7 | 0.1 | 4.9 | 655 | 9.1 | 0.3 | 0.3 | 556 | 0.5 | 0.0 | 19.0 | 27 | 27.1 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL | Turbidity | Streamflow | SSC | SSL |
| | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) | (FNU) | ($ft^3/s$) | (mg/L) | (T) |
| 2/15/10 19:30 | 3.9 | 791 | 7.3 | 0.3 | 1.6 | 717 | 2.9 | 0.1 | 4.9 | 655 | 9.2 | 0.3 | 0.4 | 561 | 0.7 | 0.0 | 18.0 | 28 | 25.6 | 0.0 |
| 2/15/10 20:00 | 4.0 | 799 | 7.4 | 0.3 | 1.9 | 719 | 3.5 | 0.1 | 5.0 | 652 | 9.4 | 0.3 | 0.3 | 552 | 0.5 | 0.0 | 19.0 | 27 | 27.1 | 0.0 |
| 2/15/10 20:30 | 3.7 | 791 | 6.9 | 0.3 | 1.4 | 714 | 2.6 | 0.1 | 5.1 | 649 | 9.5 | 0.3 | 0.3 | 552 | 0.5 | 0.0 | 19.0 | 27 | 27.1 | 0.0 |
| 2/15/10 21:00 | 3.7 | 791 | 6.9 | 0.3 | 1.5 | 716 | 2.7 | 0.1 | 5.1 | 652 | 9.6 | 0.4 | 0.3 | 556 | 0.5 | 0.0 | 21.0 | 27 | 30.2 | 0.0 |
| 2/15/10 21:30 | 3.5 | 799 | 6.5 | 0.3 | 1.5 | 719 | 2.7 | 0.1 | 5.2 | 652 | 9.8 | 0.4 | 0.3 | 552 | 0.5 | 0.0 | 24.0 | 27 | 34.8 | 0.1 |
| 2/15/10 22:00 | 3.5 | 791 | 6.5 | 0.3 | 1.4 | 714 | 2.6 | 0.1 | 5.3 | 649 | 9.9 | 0.4 | 0.3 | 552 | 0.5 | 0.0 | 120.0 | 27 | 192.0 | 0.3 |
| 2/15/10 22:30 | 3.5 | 799 | 6.5 | 0.3 | 1.9 | 719 | 3.5 | 0.1 | 5.3 | 652 | 10.0 | 0.4 | 0.4 | 552 | 0.7 | 0.0 | 110.0 | 27 | 175.1 | 0.3 |
| 2/15/10 23:00 | 3.5 | 799 | 6.5 | 0.3 | 1.6 | 721 | 2.9 | 0.1 | 5.4 | 655 | 10.1 | 0.4 | 0.5 | 556 | 0.9 | 0.0 | 120.0 | 27 | 192.0 | 0.3 |
| 2/15/10 23:30 | 3.5 | 806 | 6.5 | 0.3 | 1.4 | 727 | 2.6 | 0.1 | 5.5 | 661 | 10.3 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 560.0 | 28 | 986.1 | 1.5 |
| 2/16/10 0:00 | 3.6 | 799 | 6.7 | 0.3 | 2.0 | 722 | 3.7 | 0.1 | 5.5 | 658 | 10.4 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 700.0 | 28 | 1249.8 | 1.9 |
| 2/16/10 0:30 | 3.9 | 799 | 7.3 | 0.3 | 1.6 | 722 | 2.9 | 0.1 | 5.6 | 658 | 10.5 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 380.0 | 28 | 653.2 | 1.0 |
| 2/16/10 1:00 | 4.0 | 813 | 7.4 | 0.3 | 1.9 | 732 | 3.5 | 0.1 | 5.7 | 664 | 10.6 | 0.4 | 0.5 | 561 | 0.9 | 0.0 | 410.0 | 28 | 708.1 | 1.1 |
| 2/16/10 1:30 | 3.6 | 813 | 6.7 | 0.3 | 1.8 | 734 | 3.3 | 0.1 | 5.7 | 666 | 10.8 | 0.4 | 0.3 | 565 | 0.5 | 0.0 | 290.0 | 28 | 490.2 | 0.8 |
| 2/16/10 2:00 | 3.6 | 813 | 6.7 | 0.3 | 2.5 | 734 | 4.6 | 0.2 | 5.8 | 666 | 10.9 | 0.4 | 0.3 | 565 | 0.5 | 0.0 | 120.0 | 28 | 192.0 | 0.3 |
| 2/16/10 2:30 | 3.8 | 806 | 7.1 | 0.3 | 3.3 | 729 | 6.1 | 0.3 | 5.9 | 663 | 11.0 | 0.4 | 0.3 | 565 | 0.5 | 0.0 | 93.0 | 28 | 146.5 | 0.2 |
| 2/16/10 3:00 | 4.0 | 813 | 7.4 | 0.3 | 5.0 | 732 | 9.3 | 0.4 | 5.9 | 664 | 11.1 | 0.4 | 0.3 | 561 | 0.5 | 0.0 | 60.0 | 28 | 92.0 | 0.1 |
| 2/16/10 3:30 | 3.6 | 806 | 6.7 | 0.3 | 8.3 | 730 | 15.7 | 0.6 | 6.0 | 666 | 11.3 | 0.4 | 0.3 | 570 | 0.5 | 0.0 | 380.0 | 28 | 653.2 | 1.0 |
| 2/16/10 4:00 | 4.0 | 813 | 7.4 | 0.3 | 12.9 | 732 | 24.6 | 1.0 | 6.1 | 664 | 11.4 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 330.0 | 28 | 562.3 | 0.9 |
| 2/16/10 4:30 | 3.9 | 813 | 7.3 | 0.3 | 13.1 | 732 | 25.0 | 1.0 | 6.1 | 664 | 11.5 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 150.0 | 28 | 243.4 | 0.4 |
| 2/16/10 5:00 | 3.6 | 813 | 6.7 | 0.3 | 10.4 | 732 | 19.7 | 0.8 | 6.2 | 664 | 11.7 | 0.4 | 0.3 | 561 | 0.5 | 0.0 | 95.0 | 28 | 149.8 | 0.2 |
| 2/16/10 5:30 | 3.5 | 813 | 6.5 | 0.3 | 9.1 | 731 | 17.2 | 0.7 | 6.3 | 661 | 11.8 | 0.4 | 0.3 | 556 | 0.5 | 0.0 | 52.0 | 27 | 79.0 | 0.1 |
| 2/16/10 6:00 | 3.6 | 813 | 6.7 | 0.3 | 6.6 | 731 | 12.4 | 0.5 | 6.3 | 661 | 11.9 | 0.4 | 0.3 | 556 | 0.5 | 0.0 | 100.0 | 27 | 158.2 | 0.2 |
| 2/16/10 6:30 | 4.1 | 821 | 7.6 | 0.4 | 4.2 | 737 | 7.8 | 0.3 | 6.4 | 667 | 12.0 | 0.5 | 0.3 | 561 | 0.5 | 0.0 | 94.0 | 28 | 148.2 | 0.2 |
| 2/16/10 7:00 | 4.6 | 821 | 8.6 | 0.4 | 4.1 | 739 | 7.6 | 0.3 | 6.5 | 669 | 12.2 | 0.5 | 0.4 | 565 | 0.7 | 0.0 | 490.0 | 28 | 855.7 | 1.3 |
| 2/16/10 7:30 | 5.4 | 813 | 10.1 | 0.5 | 7.7 | 734 | 14.5 | 0.6 | 6.5 | 666 | 12.3 | 0.5 | 0.4 | 565 | 0.7 | 0.0 | 83.0 | 28 | 129.8 | 0.2 |
| 2/16/10 8:00 | 6.8 | 813 | 12.8 | 0.6 | 10.5 | 734 | 19.9 | 0.8 | 6.6 | 666 | 12.4 | 0.5 | 0.3 | 565 | 0.5 | 0.0 | 240.0 | 28 | 401.0 | 0.6 |
| 2/16/10 8:30 | 10.0 | 813 | 19.0 | 0.9 | 8.0 | 732 | 15.1 | 0.6 | 6.7 | 664 | 12.5 | 0.5 | 0.4 | 561 | 0.7 | 0.0 | 270.0 | 28 | 454.4 | 0.7 |
| 2/16/10 9:00 | 12.0 | 806 | 22.8 | 1.0 | 5.5 | 730 | 10.3 | 0.4 | 6.7 | 666 | 12.7 | 0.5 | 0.6 | 570 | 1.1 | 0.0 | 680.0 | 28 | 1211.9 | 1.9 |
| 2/16/10 9:30 | 11.0 | 821 | 20.9 | 1.0 | 3.7 | 740 | 6.9 | 0.3 | 6.8 | 672 | 12.8 | 0.5 | 0.3 | 570 | 0.5 | 0.0 | 620.0 | 28 | 1098.7 | 1.7 |
| 2/16/10 10:00 | 11.0 | 806 | 20.9 | 0.9 | 3.5 | 731 | 6.5 | 0.3 | 6.9 | 669 | 12.9 | 0.5 | 0.3 | 575 | 0.5 | 0.0 | 190.0 | 28 | 312.9 | 0.5 |
| 2/16/10 10:30 | 8.9 | 813 | 16.8 | 0.8 | 4.0 | 738 | 7.4 | 0.3 | 6.9 | 674 | 13.0 | 0.5 | 0.3 | 579 | 0.5 | 0.0 | 150.0 | 29 | 243.4 | 0.4 |
| 2/16/10 11:00 | 6.9 | 821 | 13.0 | 0.6 | 6.5 | 743 | 12.2 | 0.5 | 7.0 | 677 | 13.2 | 0.5 | 0.3 | 579 | 0.5 | 0.0 | 83.0 | 29 | 129.8 | 0.2 |
| 2/16/10 11:30 | 6.2 | 813 | 11.6 | 0.5 | 6.3 | 739 | 11.8 | 0.5 | 13.3 | 677 | 25.4 | 1.0 | 0.4 | 584 | 0.7 | 0.0 | 66.0 | 29 | 101.8 | 0.2 |
| 2/16/10 12:00 | 6.7 | 813 | 12.6 | 0.6 | 5.4 | 736 | 10.1 | 0.4 | 17.7 | 672 | 33.9 | 1.3 | 0.7 | 575 | 1.3 | 0.0 | 52.0 | 28 | 79.0 | 0.1 |
| 2/16/10 12:30 | 8.8 | 828 | 16.6 | 0.8 | 6.6 | 750 | 12.4 | 0.5 | 11.6 | 683 | 22.1 | 0.8 | 0.3 | 584 | 0.5 | 0.0 | 59.0 | 29 | 90.3 | 0.1 |
| 2/16/10 13:00 | 10.0 | 813 | 19.0 | 0.9 | 10.6 | 738 | 20.1 | 0.8 | 6.3 | 674 | 11.8 | 0.4 | 0.3 | 579 | 0.5 | 0.0 | 80.0 | 29 | 124.8 | 0.2 |
| 2/16/10 13:30 | 7.8 | 821 | 14.7 | 0.7 | 13.1 | 742 | 25.0 | 1.0 | 4.2 | 675 | 7.8 | 0.3 | 0.3 | 575 | 0.5 | 0.0 | 40.0 | 28 | 59.8 | 0.1 |
| 2/16/10 14:00 | 6.2 | 836 | 11.6 | 0.5 | 10.2 | 753 | 19.3 | 0.8 | 2.9 | 684 | 5.4 | 0.2 | 0.3 | 579 | 0.5 | 0.0 | 39.0 | 29 | 58.2 | 0.1 |
| 2/16/10 14:30 | 5.3 | 821 | 9.9 | 0.5 | 7.1 | 743 | 13.4 | 0.6 | 2.2 | 677 | 4.0 | 0.2 | 0.3 | 579 | 0.5 | 0.0 | 36.0 | 29 | 53.5 | 0.1 |
| 2/16/10 15:00 | 6.2 | 828 | 11.6 | 0.5 | 5.0 | 747 | 9.3 | 0.4 | 2.5 | 678 | 4.6 | 0.2 | 0.3 | 575 | 0.5 | 0.0 | 66.0 | 28 | 101.8 | 0.2 |
| 2/16/10 15:30 | 5.8 | 821 | 10.9 | 0.5 | 3.7 | 743 | 6.9 | 0.3 | 2.5 | 677 | 4.6 | 0.2 | 0.3 | 579 | 0.5 | 0.0 | 67.0 | 29 | 103.4 | 0.2 |
| 2/16/10 16:00 | 7.0 | 828 | 13.2 | 0.6 | 3.5 | 750 | 6.5 | 0.3 | 1.9 | 683 | 3.5 | 0.1 | 0.4 | 584 | 0.7 | 0.0 | 39.0 | 29 | 58.2 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/16/10 16:30 | 6.5 | 828 | 12.2 | 0.6 | 3.4 | 748 | 6.3 | 0.3 | 1.5 | 680 | 2.7 | 0.1 | 0.3 | 579 | 0.5 | 0.0 | 46.0 | 29 | 69.4 | 0.1 |
| 2/16/10 17:00 | 6.8 | 828 | 12.8 | 0.6 | 3.2 | 748 | 5.9 | 0.2 | 1.3 | 680 | 2.4 | 0.1 | 0.3 | 579 | 0.5 | 0.0 | 49.0 | 29 | 74.2 | 0.1 |
| 2/16/10 17:30 | 8.4 | 821 | 15.9 | 0.7 | 2.9 | 743 | 5.4 | 0.2 | 2.1 | 677 | 3.9 | 0.1 | 0.3 | 579 | 0.5 | 0.0 | 40.0 | 29 | 59.8 | 0.1 |
| 2/16/10 18:00 | 11.0 | 821 | 20.9 | 1.0 | 2.6 | 740 | 4.8 | 0.2 | 2.2 | 672 | 4.0 | 0.2 | 0.4 | 570 | 0.7 | 0.0 | 32.0 | 28 | 47.2 | 0.1 |
| 2/16/10 18:30 | 12.0 | 821 | 22.8 | 1.1 | 2.3 | 740 | 4.2 | 0.2 | 2.2 | 672 | 4.0 | 0.2 | 0.5 | 570 | 0.9 | 0.0 | 34.0 | 28 | 50.3 | 0.1 |
| 2/16/10 19:00 | 8.3 | 821 | 15.7 | 0.7 | 3.0 | 742 | 5.6 | 0.2 | 2.8 | 675 | 5.2 | 0.2 | 0.3 | 575 | 0.5 | 0.0 | 50.0 | 28 | 75.8 | 0.1 |
| 2/16/10 19:30 | 6.7 | 813 | 12.6 | 0.6 | 3.2 | 735 | 5.9 | 0.2 | 1.7 | 669 | 3.1 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 46.0 | 28 | 69.4 | 0.1 |
| 2/16/10 20:00 | 6.5 | 821 | 12.2 | 0.6 | 3.4 | 739 | 6.3 | 0.3 | 1.4 | 669 | 2.6 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 58.0 | 28 | 88.7 | 0.1 |
| 2/16/10 20:30 | 4.8 | 821 | 9.0 | 0.4 | 2.9 | 740 | 5.4 | 0.2 | 2.0 | 672 | 3.7 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 28.0 | 28 | 40.9 | 0.1 |
| 2/16/10 21:00 | 4.6 | 821 | 8.6 | 0.4 | 2.8 | 740 | 5.2 | 0.2 | 1.2 | 672 | 2.2 | 0.1 | 0.5 | 570 | 0.9 | 0.0 | 26.0 | 28 | 37.8 | 0.1 |
| 2/16/10 21:30 | 4.4 | 813 | 8.2 | 0.4 | 2.7 | 734 | 5.0 | 0.2 | 1.4 | 666 | 2.6 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 38.0 | 28 | 56.6 | 0.1 |
| 2/16/10 22:00 | 4.7 | 821 | 8.8 | 0.4 | 2.9 | 739 | 5.4 | 0.2 | 1.7 | 669 | 3.1 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 46.0 | 28 | 69.4 | 0.1 |
| 2/16/10 22:30 | 4.3 | 806 | 8.0 | 0.4 | 2.4 | 729 | 4.4 | 0.2 | 2.1 | 663 | 3.9 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 56.0 | 28 | 85.5 | 0.1 |
| 2/16/10 23:00 | 3.7 | 806 | 6.9 | 0.3 | 2.6 | 727 | 4.8 | 0.2 | 1.2 | 661 | 2.2 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 38.0 | 28 | 56.6 | 0.1 |
| 2/16/10 23:30 | 3.6 | 813 | 6.7 | 0.3 | 2.6 | 732 | 4.8 | 0.2 | 1.0 | 664 | 1.8 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 27.0 | 28 | 39.4 | 0.1 |
| 2/17/10 0:00 | 3.6 | 806 | 6.7 | 0.3 | 2.9 | 727 | 5.4 | 0.2 | 1.1 | 661 | 2.0 | 0.1 | 0.5 | 561 | 0.9 | 0.0 | 38.0 | 28 | 56.6 | 0.1 |
| 2/17/10 0:30 | 3.8 | 813 | 7.1 | 0.3 | 2.4 | 731 | 4.4 | 0.2 | 1.5 | 661 | 2.7 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 85.0 | 27 | 133.1 | 0.2 |
| 2/17/10 1:00 | 3.9 | 806 | 7.3 | 0.3 | 2.1 | 726 | 3.9 | 0.2 | 1.7 | 658 | 3.1 | 0.1 | 0.4 | 556 | 0.7 | 0.0 | 37.0 | 27 | 55.0 | 0.1 |
| 2/17/10 1:30 | 3.9 | 806 | 7.3 | 0.3 | 2.4 | 724 | 4.4 | 0.2 | 1.7 | 655 | 3.1 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 32.0 | 27 | 47.2 | 0.1 |
| 2/17/10 2:00 | 3.9 | 799 | 7.3 | 0.3 | 2.6 | 719 | 4.8 | 0.2 | 1.2 | 652 | 2.2 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 44.0 | 27 | 66.2 | 0.1 |
| 2/17/10 2:30 | 3.6 | 799 | 6.7 | 0.3 | 2.7 | 718 | 5.0 | 0.2 | 1.2 | 650 | 2.2 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 50.0 | 27 | 75.8 | 0.1 |
| 2/17/10 3:00 | 4.0 | 799 | 7.4 | 0.3 | 2.4 | 716 | 4.4 | 0.2 | 1.7 | 647 | 3.1 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 36.0 | 27 | 53.5 | 0.1 |
| 2/17/10 3:30 | 3.7 | 791 | 6.9 | 0.3 | 2.5 | 711 | 4.6 | 0.2 | 1.7 | 644 | 3.1 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 31.0 | 27 | 45.6 | 0.1 |
| 2/17/10 4:00 | 3.7 | 799 | 6.9 | 0.3 | 2.3 | 716 | 4.2 | 0.2 | 1.5 | 647 | 2.7 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 36.0 | 27 | 53.5 | 0.1 |
| 2/17/10 4:30 | 3.9 | 791 | 7.3 | 0.3 | 2.6 | 710 | 4.8 | 0.2 | 1.3 | 641 | 2.4 | 0.1 | 0.4 | 539 | 0.7 | 0.0 | 35.0 | 27 | 51.9 | 0.1 |
| 2/17/10 5:00 | 3.5 | 791 | 6.5 | 0.3 | 2.7 | 710 | 5.0 | 0.2 | 2.5 | 641 | 4.6 | 0.2 | 0.3 | 539 | 0.5 | 0.0 | 27.0 | 27 | 39.4 | 0.1 |
| 2/17/10 5:30 | 3.4 | 777 | 6.3 | 0.3 | 3.0 | 700 | 5.6 | 0.2 | 3.5 | 635 | 6.5 | 0.2 | 0.3 | 539 | 0.5 | 0.0 | 23.0 | 27 | 33.2 | 0.0 |
| 2/17/10 6:00 | 3.4 | 784 | 6.3 | 0.3 | 2.4 | 702 | 4.4 | 0.2 | 2.5 | 633 | 4.6 | 0.2 | 0.6 | 530 | 1.1 | 0.0 | 35.0 | 26 | 51.9 | 0.1 |
| 2/17/10 6:30 | 3.6 | 777 | 6.7 | 0.3 | 2.6 | 699 | 4.8 | 0.2 | 1.2 | 633 | 2.2 | 0.1 | 0.3 | 534 | 0.5 | 0.0 | 49.0 | 26 | 74.2 | 0.1 |
| 2/17/10 7:00 | 3.4 | 777 | 6.3 | 0.3 | 2.5 | 697 | 4.6 | 0.2 | 1.1 | 630 | 2.0 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 33.0 | 26 | 48.7 | 0.1 |
| 2/17/10 7:30 | 3.9 | 777 | 7.3 | 0.3 | 3.7 | 697 | 6.9 | 0.3 | 1.3 | 630 | 2.4 | 0.1 | 0.3 | 530 | 0.5 | 0.0 | 25.0 | 26 | 36.3 | 0.1 |
| 2/17/10 8:00 | 3.7 | 777 | 6.9 | 0.3 | 2.3 | 697 | 4.2 | 0.2 | 0.9 | 630 | 1.6 | 0.1 | 0.4 | 530 | 0.7 | 0.0 | 26.0 | 26 | 37.8 | 0.1 |
| 2/17/10 8:30 | 3.9 | 770 | 7.3 | 0.3 | 2.3 | 691 | 4.2 | 0.2 | 1.1 | 625 | 2.0 | 0.1 | 0.2 | 525 | 0.4 | 0.0 | 27.0 | 26 | 39.4 | 0.1 |
| 2/17/10 9:00 | 5.3 | 770 | 9.9 | 0.4 | 2.5 | 690 | 4.6 | 0.2 | 1.5 | 622 | 2.7 | 0.1 | 0.3 | 521 | 0.5 | 0.0 | 28.0 | 26 | 40.9 | 0.1 |
| 2/17/10 9:30 | 3.7 | 770 | 6.9 | 0.3 | 2.3 | 690 | 4.2 | 0.2 | 1.5 | 622 | 2.7 | 0.1 | 0.6 | 521 | 1.1 | 0.0 | 39.0 | 26 | 58.2 | 0.1 |
| 2/17/10 10:00 | 3.8 | 770 | 7.1 | 0.3 | 2.0 | 690 | 3.7 | 0.1 | 1.4 | 622 | 2.6 | 0.1 | 0.3 | 521 | 0.5 | 0.0 | 27.0 | 26 | 39.4 | 0.1 |
| 2/17/10 10:30 | 3.5 | 770 | 6.5 | 0.3 | 2.4 | 688 | 4.4 | 0.2 | 1.7 | 620 | 3.1 | 0.1 | 0.3 | 517 | 0.5 | 0.0 | 28.0 | 26 | 40.9 | 0.1 |
| 2/17/10 11:00 | 3.5 | 755 | 6.5 | 0.3 | 2.6 | 679 | 4.8 | 0.2 | 1.1 | 614 | 2.0 | 0.1 | 0.4 | 517 | 0.7 | 0.0 | 51.0 | 26 | 77.4 | 0.1 |
| 2/17/10 11:30 | 3.5 | 755 | 6.5 | 0.3 | 2.4 | 677 | 4.4 | 0.2 | 1.0 | 611 | 1.8 | 0.1 | 0.3 | 512 | 0.5 | 0.0 | 34.0 | 25 | 50.3 | 0.1 |
| 2/17/10 12:00 | 3.8 | 762 | 7.1 | 0.3 | 2.0 | 682 | 3.7 | 0.1 | 1.2 | 614 | 2.2 | 0.1 | 0.3 | 512 | 0.5 | 0.0 | 28.0 | 25 | 40.9 | 0.1 |
| 2/17/10 12:30 | 3.4 | 755 | 6.3 | 0.3 | 2.2 | 674 | 4.0 | 0.2 | 1.4 | 606 | 2.6 | 0.1 | 0.8 | 504 | 1.4 | 0.0 | 26.0 | 25 | 37.8 | 0.1 |
| 2/17/10 13:00 | 3.3 | 755 | 6.1 | 0.3 | 2.3 | 676 | 4.2 | 0.2 | 1.2 | 609 | 2.2 | 0.1 | 0.4 | 508 | 0.7 | 0.0 | 25.0 | 25 | 36.3 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/17/10 13:30 | 5.3 | 755 | 9.9 | 0.4 | 2.6 | 676 | 4.8 | 0.2 | 1.6 | 609 | 2.9 | 0.1 | 0.4 | 508 | 0.7 | 0.0 | 19.0 | 25 | 27.1 | 0.0 |
| 2/17/10 14:00 | 3.6 | 748 | 6.7 | 0.3 | 2.5 | 670 | 4.6 | 0.2 | 1.4 | 603 | 2.6 | 0.1 | 0.3 | 504 | 0.5 | 0.0 | 19.0 | 25 | 27.1 | 0.0 |
| 2/17/10 14:30 | 3.4 | 748 | 6.3 | 0.3 | 2.5 | 668 | 4.6 | 0.2 | 1.2 | 601 | 2.2 | 0.1 | 0.3 | 500 | 0.5 | 0.0 | 25.0 | 25 | 36.3 | 0.1 |
| 2/17/10 15:00 | 3.4 | 741 | 6.3 | 0.3 | 2.8 | 663 | 5.2 | 0.2 | 1.1 | 598 | 2.0 | 0.1 | 0.3 | 500 | 0.5 | 0.0 | 16.0 | 25 | 22.6 | 0.0 |
| 2/17/10 15:30 | 3.4 | 734 | 6.3 | 0.3 | 3.2 | 659 | 5.9 | 0.2 | 0.9 | 595 | 1.6 | 0.1 | 0.2 | 500 | 0.4 | 0.0 | 15.0 | 25 | 21.1 | 0.0 |
| 2/17/10 16:00 | 3.1 | 748 | 5.7 | 0.2 | 2.8 | 667 | 5.2 | 0.2 | 0.9 | 598 | 1.6 | 0.1 | 0.3 | 495 | 0.5 | 0.0 | 16.0 | 25 | 22.6 | 0.0 |
| 2/17/10 16:30 | 3.2 | 734 | 5.9 | 0.2 | 2.4 | 656 | 4.4 | 0.2 | 0.9 | 590 | 1.6 | 0.1 | 0.3 | 491 | 0.5 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 2/17/10 17:00 | 3.0 | 741 | 5.6 | 0.2 | 2.2 | 661 | 4.0 | 0.2 | 0.9 | 593 | 1.6 | 0.1 | 0.4 | 491 | 0.7 | 0.0 | 14.0 | 24 | 19.6 | 0.0 |
| 2/17/10 17:30 | 3.3 | 741 | 6.1 | 0.3 | 2.2 | 661 | 4.0 | 0.2 | 1.3 | 593 | 2.4 | 0.1 | 0.5 | 491 | 0.9 | 0.0 | 19.0 | 24 | 27.1 | 0.0 |
| 2/17/10 18:00 | 3.4 | 734 | 6.3 | 0.3 | 3.5 | 656 | 6.5 | 0.2 | 0.7 | 590 | 1.3 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 14.0 | 24 | 19.6 | 0.0 |
| 2/17/10 18:30 | 3.0 | 734 | 5.6 | 0.2 | 2.2 | 655 | 4.0 | 0.1 | 0.6 | 588 | 1.1 | 0.0 | 0.3 | 487 | 0.5 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 2/17/10 19:00 | 3.7 | 734 | 6.9 | 0.3 | 2.3 | 652 | 4.2 | 0.2 | 0.7 | 583 | 1.3 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 15.0 | 24 | 21.1 | 0.0 |
| 2/17/10 19:30 | 3.9 | 727 | 7.3 | 0.3 | 2.2 | 647 | 4.0 | 0.1 | 0.6 | 580 | 1.1 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 16.0 | 24 | 22.6 | 0.0 |
| 2/17/10 20:00 | 3.3 | 727 | 6.1 | 0.3 | 2.3 | 647 | 4.2 | 0.2 | 0.5 | 580 | 0.9 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 14.0 | 24 | 19.6 | 0.0 |
| 2/17/10 20:30 | 3.5 | 727 | 6.5 | 0.3 | 2.6 | 647 | 4.8 | 0.2 | 0.8 | 580 | 1.4 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 15.0 | 24 | 21.1 | 0.0 |
| 2/17/10 21:00 | 3.4 | 714 | 6.3 | 0.3 | 2.9 | 637 | 5.4 | 0.2 | 0.9 | 572 | 1.6 | 0.1 | 0.3 | 475 | 0.5 | 0.0 | 13.0 | 24 | 18.1 | 0.0 |
| 2/17/10 21:30 | 3.3 | 720 | 6.1 | 0.2 | 2.3 | 641 | 4.2 | 0.2 | 0.6 | 575 | 1.1 | 0.0 | 0.3 | 475 | 0.5 | 0.0 | 17.0 | 24 | 24.1 | 0.0 |
| 2/17/10 22:00 | 3.2 | 707 | 5.9 | 0.2 | 2.0 | 631 | 3.7 | 0.1 | 1.0 | 567 | 1.8 | 0.1 | 0.3 | 471 | 0.5 | 0.0 | 14.0 | 23 | 19.6 | 0.0 |
| 2/17/10 22:30 | 3.5 | 707 | 6.5 | 0.3 | 2.1 | 631 | 3.9 | 0.1 | 0.7 | 567 | 1.3 | 0.0 | 0.7 | 471 | 1.3 | 0.0 | 12.0 | 23 | 16.6 | 0.0 |
| 2/17/10 23:00 | 3.4 | 700 | 6.3 | 0.2 | 2.3 | 623 | 4.2 | 0.1 | 0.9 | 559 | 1.6 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 13.0 | 23 | 18.1 | 0.0 |
| 2/17/10 23:30 | 3.4 | 700 | 6.3 | 0.2 | 2.0 | 623 | 3.7 | 0.1 | 1.0 | 559 | 1.8 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 14.0 | 23 | 19.6 | 0.0 |
| 2/18/10 0:00 | 3.4 | 700 | 6.3 | 0.2 | 2.2 | 622 | 4.0 | 0.1 | 0.6 | 557 | 1.1 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 13.0 | 23 | 18.1 | 0.0 |
| 2/18/10 0:30 | 3.0 | 700 | 5.6 | 0.2 | 2.4 | 623 | 4.4 | 0.2 | 0.7 | 559 | 1.3 | 0.0 | 0.3 | 462 | 0.5 | 0.0 | 14.0 | 23 | 19.6 | 0.0 |
| 2/18/10 1:00 | 3.1 | 693 | 5.7 | 0.2 | 2.0 | 618 | 3.7 | 0.1 | 1.2 | 554 | 2.2 | 0.1 | 0.3 | 458 | 0.5 | 0.0 | 12.0 | 23 | 16.6 | 0.0 |
| 2/18/10 1:30 | 3.3 | 693 | 6.1 | 0.2 | 2.2 | 618 | 4.0 | 0.1 | 0.6 | 554 | 1.1 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 14.0 | 23 | 19.6 | 0.0 |
| 2/18/10 2:00 | 3.2 | 686 | 5.9 | 0.2 | 1.9 | 612 | 3.5 | 0.1 | 0.5 | 549 | 0.9 | 0.0 | 0.4 | 454 | 0.7 | 0.0 | 12.0 | 23 | 16.6 | 0.0 |
| 2/18/10 2:30 | 3.6 | 686 | 6.7 | 0.3 | 1.8 | 610 | 3.3 | 0.1 | 0.5 | 546 | 0.9 | 0.0 | 0.3 | 450 | 0.5 | 0.0 | 11.0 | 23 | 15.2 | 0.0 |
| 2/18/10 3:00 | 2.9 | 700 | 5.4 | 0.2 | 2.2 | 618 | 4.0 | 0.1 | 0.5 | 550 | 0.9 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 10.0 | 22 | 13.7 | 0.0 |
| 2/18/10 3:30 | 3.2 | 680 | 5.9 | 0.2 | 1.9 | 603 | 3.5 | 0.1 | 0.6 | 539 | 1.1 | 0.0 | 0.4 | 443 | 0.7 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/18/10 4:00 | 2.9 | 686 | 5.4 | 0.2 | 1.8 | 608 | 3.3 | 0.1 | 0.6 | 542 | 1.1 | 0.0 | 0.3 | 443 | 0.5 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/18/10 4:30 | 3.3 | 673 | 6.1 | 0.2 | 2.6 | 600 | 4.8 | 0.2 | 0.5 | 539 | 0.9 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 15.0 | 22 | 21.1 | 0.0 |
| 2/18/10 5:00 | 3.1 | 673 | 5.7 | 0.2 | 1.8 | 599 | 3.3 | 0.1 | 0.5 | 536 | 0.9 | 0.0 | 0.3 | 443 | 0.5 | 0.0 | 12.0 | 22 | 16.6 | 0.0 |
| 2/18/10 5:30 | 3.2 | 680 | 5.9 | 0.2 | 1.9 | 602 | 3.5 | 0.1 | 1.0 | 537 | 1.8 | 0.1 | 0.9 | 439 | 1.6 | 0.0 | 11.0 | 22 | 15.2 | 0.0 |
| 2/18/10 6:00 | 3.2 | 673 | 5.9 | 0.2 | 1.8 | 598 | 3.3 | 0.1 | 0.6 | 534 | 1.1 | 0.0 | 0.3 | 439 | 0.5 | 0.0 | 10.0 | 22 | 13.7 | 0.0 |
| 2/18/10 6:30 | 3.2 | 673 | 5.9 | 0.2 | 1.8 | 596 | 3.3 | 0.1 | 0.4 | 532 | 0.7 | 0.0 | 0.3 | 435 | 0.5 | 0.0 | 11.0 | 22 | 15.2 | 0.0 |
| 2/18/10 7:00 | 4.7 | 673 | 8.8 | 0.3 | 2.0 | 596 | 3.7 | 0.1 | 0.6 | 532 | 1.1 | 0.0 | 0.3 | 435 | 0.5 | 0.0 | 11.0 | 22 | 15.2 | 0.0 |
| 2/18/10 7:30 | 3.3 | 667 | 6.1 | 0.2 | 1.7 | 591 | 3.1 | 0.1 | 0.6 | 527 | 1.1 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 11.0 | 22 | 15.2 | 0.0 |
| 2/18/10 8:00 | 3.3 | 667 | 6.1 | 0.2 | 1.8 | 589 | 3.3 | 0.1 | 0.6 | 524 | 1.1 | 0.0 | 0.3 | 427 | 0.5 | 0.0 | 15.0 | 21 | 21.1 | 0.0 |
| 2/18/10 8:30 | 3.4 | 660 | 6.3 | 0.2 | 1.9 | 585 | 3.5 | 0.1 | 0.5 | 522 | 0.9 | 0.0 | 0.3 | 427 | 0.5 | 0.0 | 15.0 | 21 | 21.1 | 0.0 |
| 2/18/10 9:00 | 3.1 | 660 | 5.7 | 0.2 | 1.9 | 586 | 3.5 | 0.1 | 0.6 | 524 | 1.1 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 13.0 | 22 | 18.1 | 0.0 |
| 2/18/10 9:30 | 3.2 | 653 | 5.9 | 0.2 | 2.0 | 581 | 3.7 | 0.1 | 0.5 | 519 | 0.9 | 0.0 | 0.3 | 427 | 0.5 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |
| 2/18/10 10:00 | 3.5 | 660 | 6.5 | 0.2 | 2.6 | 584 | 4.8 | 0.2 | 1.2 | 520 | 2.2 | 0.1 | 0.3 | 423 | 0.5 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/18/10 10:30 | 3.0 | 647 | 5.6 | 0.2 | 1.7 | 575 | 3.1 | 0.1 | 0.4 | 514 | 0.7 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 11.0 | 21 | 15.2 | 0.0 |
| 2/18/10 11:00 | 3.1 | 647 | 5.7 | 0.2 | 1.7 | 574 | 3.1 | 0.1 | 0.7 | 512 | 1.3 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/18/10 11:30 | 3.3 | 647 | 6.1 | 0.2 | 2.2 | 572 | 4.0 | 0.1 | 0.6 | 510 | 1.1 | 0.0 | 0.3 | 416 | 0.5 | 0.0 | 14.0 | 21 | 19.6 | 0.0 |
| 2/18/10 12:00 | 3.3 | 641 | 6.1 | 0.2 | 1.8 | 570 | 3.3 | 0.1 | 0.6 | 510 | 1.1 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/18/10 12:30 | 3.0 | 647 | 5.6 | 0.2 | 1.8 | 571 | 3.3 | 0.1 | 0.6 | 507 | 1.1 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 16.0 | 21 | 22.6 | 0.0 |
| 2/18/10 13:00 | 2.9 | 641 | 5.4 | 0.2 | 2.0 | 567 | 3.7 | 0.1 | 0.4 | 505 | 0.7 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 16.0 | 21 | 22.6 | 0.0 |
| 2/18/10 13:30 | 2.9 | 635 | 5.4 | 0.2 | 2.6 | 563 | 4.8 | 0.2 | 0.5 | 503 | 0.9 | 0.0 | 0.3 | 412 | 0.5 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/18/10 14:00 | 2.9 | 641 | 5.4 | 0.2 | 2.2 | 567 | 4.0 | 0.1 | 0.6 | 505 | 1.1 | 0.0 | 0.2 | 412 | 0.4 | 0.0 | 15.0 | 21 | 21.1 | 0.0 |
| 2/18/10 14:30 | 3.3 | 635 | 6.1 | 0.2 | 1.9 | 562 | 3.5 | 0.1 | 0.5 | 500 | 0.9 | 0.0 | 0.2 | 408 | 0.4 | 0.0 | 12.0 | 21 | 16.6 | 0.0 |
| 2/18/10 15:00 | 3.0 | 629 | 5.6 | 0.2 | 2.0 | 558 | 3.7 | 0.1 | 0.6 | 498 | 1.1 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 13.0 | 21 | 18.1 | 0.0 |
| 2/18/10 15:30 | 2.9 | 641 | 5.4 | 0.2 | 2.0 | 566 | 3.7 | 0.1 | 0.4 | 503 | 0.7 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 10.0 | 21 | 13.7 | 0.0 |
| 2/18/10 16:00 | 2.9 | 629 | 5.4 | 0.2 | 2.2 | 557 | 4.0 | 0.1 | 0.5 | 496 | 0.9 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 9.9 | 20 | 13.6 | 0.0 |
| 2/18/10 16:30 | 3.2 | 629 | 5.9 | 0.2 | 2.2 | 557 | 4.0 | 0.1 | 0.6 | 496 | 1.1 | 0.0 | 0.3 | 404 | 0.5 | 0.0 | 12.0 | 20 | 16.6 | 0.0 |
| 2/18/10 17:00 | 2.9 | 623 | 5.4 | 0.2 | 2.0 | 551 | 3.7 | 0.1 | 1.4 | 491 | 2.6 | 0.1 | 0.2 | 401 | 0.4 | 0.0 | 9.0 | 20 | 12.3 | 0.0 |
| 2/18/10 17:30 | 3.1 | 623 | 5.7 | 0.2 | 2.4 | 551 | 4.4 | 0.1 | 0.5 | 491 | 0.9 | 0.0 | 0.2 | 401 | 0.4 | 0.0 | 12.0 | 20 | 16.6 | 0.0 |
| 2/18/10 18:00 | 3.1 | 623 | 5.7 | 0.2 | 2.1 | 550 | 3.9 | 0.1 | 0.5 | 489 | 0.9 | 0.0 | 0.4 | 397 | 0.7 | 0.0 | 11.0 | 20 | 15.2 | 0.0 |
| 2/18/10 18:30 | 2.9 | 617 | 5.4 | 0.2 | 2.2 | 545 | 4.0 | 0.1 | 0.6 | 484 | 1.1 | 0.0 | 0.3 | 393 | 0.5 | 0.0 | 10.0 | 20 | 13.7 | 0.0 |
| 2/18/10 19:00 | 3.1 | 617 | 5.7 | 0.2 | 2.2 | 546 | 4.0 | 0.1 | 0.4 | 486 | 0.7 | 0.0 | 0.2 | 397 | 0.4 | 0.0 | 9.6 | 20 | 13.1 | 0.0 |
| 2/18/10 19:30 | 3.4 | 617 | 6.3 | 0.2 | 2.5 | 544 | 4.6 | 0.1 | 1.1 | 482 | 2.0 | 0.1 | 0.3 | 390 | 0.5 | 0.0 | 9.8 | 20 | 13.4 | 0.0 |
| 2/18/10 20:00 | 3.3 | 611 | 6.1 | 0.2 | 2.2 | 540 | 4.0 | 0.1 | 0.4 | 480 | 0.7 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 9.4 | 20 | 12.8 | 0.0 |
| 2/18/10 20:30 | 3.1 | 611 | 5.7 | 0.2 | 2.1 | 540 | 3.9 | 0.1 | 0.5 | 480 | 0.9 | 0.0 | 0.3 | 390 | 0.5 | 0.0 | 9.6 | 20 | 13.1 | 0.0 |
| 2/18/10 21:00 | 2.9 | 605 | 5.4 | 0.2 | 2.2 | 536 | 4.0 | 0.1 | 0.5 | 477 | 0.9 | 0.0 | 0.2 | 390 | 0.4 | 0.0 | 10.0 | 20 | 13.7 | 0.0 |
| 2/18/10 21:30 | 3.3 | 611 | 6.1 | 0.2 | 2.1 | 537 | 3.9 | 0.1 | 0.4 | 475 | 0.7 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 11.0 | 19 | 15.2 | 0.0 |
| 2/18/10 22:00 | 2.9 | 605 | 5.4 | 0.2 | 2.2 | 535 | 4.0 | 0.1 | 0.4 | 475 | 0.7 | 0.0 | 0.3 | 386 | 0.5 | 0.0 | 8.0 | 19 | 10.8 | 0.0 |
| 2/18/10 22:30 | 2.9 | 605 | 5.4 | 0.2 | 2.2 | 533 | 4.0 | 0.1 | 0.6 | 473 | 1.1 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 9.1 | 19 | 12.4 | 0.0 |
| 2/18/10 23:00 | 3.2 | 605 | 5.9 | 0.2 | 2.2 | 533 | 4.0 | 0.1 | 0.4 | 473 | 0.7 | 0.0 | 0.3 | 382 | 0.5 | 0.0 | 8.4 | 19 | 11.4 | 0.0 |
| 2/18/10 23:30 | 2.9 | 599 | 5.4 | 0.2 | 2.2 | 528 | 4.0 | 0.1 | 0.4 | 468 | 0.7 | 0.0 | 0.2 | 379 | 0.4 | 0.0 | 10.0 | 19 | 13.7 | 0.0 |
| 2/19/10 0:00 | 3.2 | 599 | 5.9 | 0.2 | 2.0 | 528 | 3.7 | 0.1 | 0.4 | 468 | 0.7 | 0.0 | 0.3 | 379 | 0.5 | 0.0 | 9.0 | 19 | 12.3 | 0.0 |
| 2/19/10 0:30 | 2.9 | 593 | 5.4 | 0.2 | 2.0 | 523 | 3.7 | 0.1 | 0.4 | 464 | 0.7 | 0.0 | 0.3 | 375 | 0.5 | 0.0 | 8.5 | 19 | 11.5 | 0.0 |
| 2/19/10 1:00 | 2.9 | 588 | 5.4 | 0.2 | 2.5 | 519 | 4.6 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 0.2 | 375 | 0.4 | 0.0 | 9.5 | 19 | 13.0 | 0.0 |
| 2/19/10 1:30 | 2.9 | 593 | 5.4 | 0.2 | 2.0 | 523 | 3.7 | 0.1 | 0.4 | 464 | 0.7 | 0.0 | 0.3 | 375 | 0.5 | 0.0 | 10.0 | 19 | 13.7 | 0.0 |
| 2/19/10 2:00 | 2.9 | 599 | 5.4 | 0.2 | 2.1 | 527 | 3.9 | 0.1 | 0.4 | 466 | 0.7 | 0.0 | 0.2 | 375 | 0.4 | 0.0 | 9.2 | 19 | 12.6 | 0.0 |
| 2/19/10 2:30 | 3.3 | 593 | 6.1 | 0.2 | 1.9 | 522 | 3.5 | 0.1 | 0.3 | 462 | 0.5 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 8.5 | 19 | 11.5 | 0.0 |
| 2/19/10 3:00 | 3.1 | 588 | 5.7 | 0.2 | 1.9 | 518 | 3.5 | 0.1 | 0.4 | 460 | 0.7 | 0.0 | 0.3 | 372 | 0.5 | 0.0 | 8.0 | 19 | 10.8 | 0.0 |
| 2/19/10 3:30 | 3.1 | 582 | 5.7 | 0.2 | 2.0 | 513 | 3.7 | 0.1 | 0.4 | 455 | 0.7 | 0.0 | 0.3 | 368 | 0.5 | 0.0 | 9.0 | 19 | 12.3 | 0.0 |
| 2/19/10 4:00 | 3.0 | 582 | 5.6 | 0.2 | 1.8 | 512 | 3.3 | 0.1 | 0.4 | 453 | 0.7 | 0.0 | 0.2 | 365 | 0.4 | 0.0 | 8.2 | 18 | 11.1 | 0.0 |
| 2/19/10 4:30 | 3.1 | 588 | 5.7 | 0.2 | 2.2 | 516 | 4.0 | 0.1 | 0.5 | 455 | 0.9 | 0.0 | 0.2 | 365 | 0.4 | 0.0 | 7.4 | 18 | 10.0 | 0.0 |
| 2/19/10 5:00 | 2.9 | 582 | 5.4 | 0.2 | 2.1 | 512 | 3.9 | 0.1 | 0.7 | 453 | 1.3 | 0.0 | 0.2 | 365 | 0.4 | 0.0 | 9.3 | 18 | 12.7 | 0.0 |
| 2/19/10 5:30 | 2.9 | 582 | 5.4 | 0.2 | 1.8 | 511 | 3.3 | 0.1 | 0.4 | 451 | 0.7 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 8.8 | 18 | 12.0 | 0.0 |
| 2/19/10 6:00 | 3.4 | 576 | 6.3 | 0.2 | 1.8 | 507 | 3.3 | 0.1 | 0.6 | 449 | 1.1 | 0.0 | 0.2 | 361 | 0.4 | 0.0 | 7.4 | 18 | 10.0 | 0.0 |
| 2/19/10 6:30 | 3.1 | 570 | 5.7 | 0.2 | 2.3 | 503 | 4.2 | 0.1 | 0.4 | 446 | 0.7 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 8.8 | 18 | 12.0 | 0.0 |
| 2/19/10 7:00 | 3.0 | 570 | 5.6 | 0.2 | 1.8 | 503 | 3.3 | 0.1 | 0.4 | 446 | 0.7 | 0.0 | 0.3 | 361 | 0.5 | 0.0 | 7.1 | 18 | 9.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/19/10 7:30 | 3.2 | 576 | 5.9 | 0.2 | 1.8 | 506 | 3.3 | 0.1 | 0.4 | 447 | 0.7 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 8.3 | 18 | 11.3 | 0.0 |
| 2/19/10 8:00 | 3.0 | 570 | 5.6 | 0.2 | 2.2 | 502 | 4.0 | 0.1 | 0.4 | 444 | 0.7 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 8.5 | 18 | 11.5 | 0.0 |
| 2/19/10 8:30 | 3.1 | 565 | 5.7 | 0.2 | 2.6 | 498 | 4.8 | 0.1 | 0.4 | 442 | 0.7 | 0.0 | 0.3 | 358 | 0.5 | 0.0 | 6.8 | 18 | 9.1 | 0.0 |
| 2/19/10 9:00 | 3.1 | 570 | 5.7 | 0.2 | 2.1 | 501 | 3.9 | 0.1 | 0.4 | 442 | 0.7 | 0.0 | 0.3 | 354 | 0.5 | 0.0 | 8.4 | 18 | 11.4 | 0.0 |
| 2/19/10 9:30 | 2.8 | 570 | 5.2 | 0.2 | 1.8 | 501 | 3.3 | 0.1 | 0.4 | 442 | 0.7 | 0.0 | 0.2 | 354 | 0.4 | 0.0 | 7.4 | 18 | 10.0 | 0.0 |
| 2/19/10 10:00 | 2.9 | 565 | 5.4 | 0.2 | 1.8 | 496 | 3.3 | 0.1 | 1.3 | 438 | 2.4 | 0.1 | 0.2 | 351 | 0.4 | 0.0 | 7.5 | 18 | 10.1 | 0.0 |
| 2/19/10 10:30 | 3.0 | 559 | 5.6 | 0.2 | 1.8 | 492 | 3.3 | 0.1 | 0.4 | 436 | 0.7 | 0.0 | 0.2 | 351 | 0.4 | 0.0 | 7.7 | 18 | 10.4 | 0.0 |
| 2/19/10 11:00 | 3.0 | 559 | 5.6 | 0.2 | 1.7 | 492 | 3.1 | 0.1 | 1.4 | 436 | 2.6 | 0.1 | 0.3 | 351 | 0.5 | 0.0 | 7.0 | 18 | 9.4 | 0.0 |
| 2/19/10 11:30 | 3.3 | 559 | 6.1 | 0.2 | 2.5 | 491 | 4.6 | 0.1 | 0.4 | 434 | 0.7 | 0.0 | 0.2 | 347 | 0.4 | 0.0 | 8.0 | 18 | 10.8 | 0.0 |
| 2/19/10 12:00 | 3.1 | 559 | 5.7 | 0.2 | 2.0 | 491 | 3.7 | 0.1 | 0.3 | 434 | 0.5 | 0.0 | 0.2 | 347 | 0.4 | 0.0 | 10.0 | 18 | 13.7 | 0.0 |
| 2/19/10 12:30 | 3.0 | 559 | 5.6 | 0.2 | 1.8 | 491 | 3.3 | 0.1 | 0.3 | 434 | 0.5 | 0.0 | 0.6 | 347 | 1.1 | 0.0 | 16.0 | 18 | 22.6 | 0.0 |
| 2/19/10 13:00 | 2.9 | 559 | 5.4 | 0.2 | 2.2 | 490 | 4.0 | 0.1 | 0.4 | 432 | 0.7 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 10.0 | 17 | 13.7 | 0.0 |
| 2/19/10 13:30 | 3.0 | 548 | 5.6 | 0.2 | 1.9 | 482 | 3.5 | 0.1 | 0.4 | 427 | 0.7 | 0.0 | 0.2 | 344 | 0.4 | 0.0 | 12.0 | 17 | 16.6 | 0.0 |
| 2/19/10 14:00 | 3.0 | 548 | 5.6 | 0.2 | 1.7 | 481 | 3.1 | 0.1 | 0.4 | 425 | 0.7 | 0.0 | 0.2 | 341 | 0.4 | 0.0 | 9.0 | 17 | 12.3 | 0.0 |
| 2/19/10 14:30 | 3.1 | 542 | 5.7 | 0.2 | 1.9 | 478 | 3.5 | 0.1 | 0.2 | 425 | 0.4 | 0.0 | 0.3 | 344 | 0.5 | 0.0 | 9.1 | 17 | 12.4 | 0.0 |
| 2/19/10 15:00 | 3.0 | 548 | 5.6 | 0.2 | 2.1 | 481 | 3.9 | 0.1 | 0.4 | 425 | 0.7 | 0.0 | 0.3 | 341 | 0.5 | 0.0 | 8.3 | 17 | 11.3 | 0.0 |
| 2/19/10 15:30 | 3.0 | 548 | 5.6 | 0.2 | 2.2 | 480 | 4.0 | 0.1 | 0.3 | 423 | 0.5 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 7.1 | 17 | 9.5 | 0.0 |
| 2/19/10 16:00 | 3.0 | 542 | 5.6 | 0.2 | 2.0 | 476 | 3.7 | 0.1 | 0.7 | 421 | 1.3 | 0.0 | 0.3 | 337 | 0.5 | 0.0 | 8.7 | 17 | 11.8 | 0.0 |
| 2/19/10 16:30 | 3.3 | 542 | 6.1 | 0.2 | 2.1 | 476 | 3.9 | 0.1 | 0.4 | 421 | 0.7 | 0.0 | 0.2 | 337 | 0.4 | 0.0 | 8.4 | 17 | 11.4 | 0.0 |
| 2/19/10 17:00 | 3.1 | 542 | 5.7 | 0.2 | 2.1 | 475 | 3.9 | 0.1 | 0.3 | 419 | 0.5 | 0.0 | 0.2 | 334 | 0.4 | 0.0 | 7.9 | 17 | 10.7 | 0.0 |
| 2/19/10 17:30 | 3.3 | 537 | 6.1 | 0.2 | 2.3 | 472 | 4.2 | 0.1 | 0.4 | 417 | 0.7 | 0.0 | 0.3 | 334 | 0.5 | 0.0 | 8.5 | 17 | 11.5 | 0.0 |
| 2/19/10 18:00 | 3.1 | 531 | 5.7 | 0.2 | 2.5 | 467 | 4.6 | 0.1 | 0.3 | 412 | 0.5 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 9.1 | 17 | 12.4 | 0.0 |
| 2/19/10 18:30 | 2.9 | 537 | 5.4 | 0.2 | 2.3 | 470 | 4.2 | 0.1 | 0.4 | 415 | 0.7 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 6.6 | 17 | 8.8 | 0.0 |
| 2/19/10 19:00 | 3.1 | 537 | 5.7 | 0.2 | 2.0 | 470 | 3.7 | 0.1 | 0.2 | 415 | 0.4 | 0.0 | 0.2 | 331 | 0.4 | 0.0 | 7.7 | 17 | 10.4 | 0.0 |
| 2/19/10 19:30 | 3.0 | 531 | 5.6 | 0.2 | 2.3 | 467 | 4.2 | 0.1 | 0.3 | 412 | 0.5 | 0.0 | 0.5 | 331 | 0.9 | 0.0 | 8.2 | 17 | 11.1 | 0.0 |
| 2/19/10 20:00 | 2.9 | 526 | 5.4 | 0.2 | 2.2 | 462 | 4.0 | 0.1 | 0.6 | 408 | 1.1 | 0.0 | 0.3 | 327 | 0.5 | 0.0 | 6.5 | 17 | 8.7 | 0.0 |
| 2/19/10 20:30 | 5.3 | 526 | 9.9 | 0.3 | 2.3 | 461 | 4.2 | 0.1 | 0.3 | 406 | 0.5 | 0.0 | 0.4 | 324 | 0.7 | 0.0 | 7.9 | 17 | 10.7 | 0.0 |
| 2/19/10 21:00 | 2.9 | 526 | 5.4 | 0.2 | 2.1 | 461 | 3.9 | 0.1 | 0.3 | 406 | 0.5 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 7.4 | 17 | 10.0 | 0.0 |
| 2/19/10 21:30 | 3.0 | 526 | 5.6 | 0.2 | 2.1 | 461 | 3.9 | 0.1 | 0.3 | 406 | 0.5 | 0.0 | 0.2 | 324 | 0.4 | 0.0 | 6.9 | 17 | 9.2 | 0.0 |
| 2/19/10 22:00 | 3.4 | 521 | 6.3 | 0.2 | 2.1 | 456 | 3.9 | 0.1 | 0.2 | 402 | 0.4 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 8.4 | 16 | 11.4 | 0.0 |
| 2/19/10 22:30 | 2.9 | 521 | 5.4 | 0.2 | 2.3 | 456 | 4.2 | 0.1 | 0.2 | 402 | 0.4 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 6.3 | 16 | 8.4 | 0.0 |
| 2/19/10 23:00 | 3.0 | 521 | 5.6 | 0.2 | 2.0 | 456 | 3.7 | 0.1 | 0.4 | 402 | 0.7 | 0.0 | 0.3 | 321 | 0.5 | 0.0 | 7.0 | 16 | 9.4 | 0.0 |
| 2/19/10 23:30 | 2.9 | 515 | 5.4 | 0.2 | 2.2 | 453 | 4.0 | 0.1 | 0.4 | 400 | 0.7 | 0.0 | 0.2 | 321 | 0.4 | 0.0 | 8.6 | 16 | 11.7 | 0.0 |
| 2/20/10 0:00 | 2.9 | 515 | 5.4 | 0.2 | 2.0 | 452 | 3.7 | 0.1 | 0.3 | 398 | 0.5 | 0.0 | 0.3 | 318 | 0.5 | 0.0 | 9.2 | 16 | 12.6 | 0.0 |
| 2/20/10 0:30 | 3.2 | 515 | 5.9 | 0.2 | 2.4 | 451 | 4.4 | 0.1 | 0.3 | 396 | 0.5 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 2/20/10 1:00 | 3.3 | 515 | 6.1 | 0.2 | 2.1 | 452 | 3.9 | 0.1 | 0.3 | 398 | 0.5 | 0.0 | 0.2 | 318 | 0.4 | 0.0 | 6.6 | 16 | 8.8 | 0.0 |
| 2/20/10 1:30 | 3.4 | 515 | 6.3 | 0.2 | 2.0 | 451 | 3.7 | 0.1 | 0.3 | 396 | 0.5 | 0.0 | 0.3 | 314 | 0.5 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 2/20/10 2:00 | 3.1 | 510 | 5.7 | 0.2 | 2.0 | 447 | 3.7 | 0.1 | 0.3 | 394 | 0.5 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 7.1 | 16 | 9.5 | 0.0 |
| 2/20/10 2:30 | 2.9 | 510 | 5.4 | 0.2 | 2.0 | 447 | 3.7 | 0.1 | 0.2 | 394 | 0.4 | 0.0 | 0.2 | 314 | 0.4 | 0.0 | 8.5 | 16 | 11.5 | 0.0 |
| 2/20/10 3:00 | 3.0 | 510 | 5.6 | 0.2 | 2.0 | 446 | 3.7 | 0.1 | 0.3 | 392 | 0.5 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 7.8 | 16 | 10.5 | 0.0 |
| 2/20/10 3:30 | 3.1 | 510 | 5.7 | 0.2 | 1.9 | 446 | 3.5 | 0.1 | 0.4 | 392 | 0.7 | 0.0 | 0.2 | 311 | 0.4 | 0.0 | 7.5 | 16 | 10.1 | 0.0 |
| 2/20/10 4:00 | 3.3 | 504 | 6.1 | 0.2 | 2.0 | 441 | 3.7 | 0.1 | 0.3 | 388 | 0.5 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 8.1 | 16 | 11.0 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/20/10 4:30 | 2.9 | 504 | 5.4 | 0.2 | 1.9 | 441 | 3.5 | 0.1 | 0.3 | 388 | 0.5 | 0.0 | 0.2 | 308 | 0.4 | 0.0 | 7.5 | 16 | 10.1 | 0.0 |
| 2/20/10 5:00 | 3.0 | 499 | 5.6 | 0.2 | 2.5 | 438 | 4.6 | 0.1 | 0.3 | 386 | 0.5 | 0.0 | 0.3 | 308 | 0.5 | 0.0 | 8.4 | 16 | 11.4 | 0.0 |
| 2/20/10 5:30 | 3.0 | 499 | 5.6 | 0.2 | 2.2 | 437 | 4.0 | 0.1 | 0.3 | 384 | 0.5 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 7.6 | 16 | 10.2 | 0.0 |
| 2/20/10 6:00 | 3.2 | 499 | 5.9 | 0.2 | 2.0 | 437 | 3.7 | 0.1 | 0.8 | 384 | 1.4 | 0.0 | 0.3 | 305 | 0.5 | 0.0 | 6.8 | 16 | 9.1 | 0.0 |
| 2/20/10 6:30 | 3.1 | 499 | 5.7 | 0.2 | 2.0 | 437 | 3.7 | 0.1 | 0.4 | 384 | 0.7 | 0.0 | 0.3 | 305 | 0.5 | 0.0 | 6.9 | 16 | 9.2 | 0.0 |
| 2/20/10 7:00 | 3.0 | 499 | 5.6 | 0.2 | 1.9 | 437 | 3.5 | 0.1 | 0.2 | 384 | 0.4 | 0.0 | 0.2 | 305 | 0.4 | 0.0 | 6.7 | 16 | 9.0 | 0.0 |
| 2/20/10 7:30 | 3.1 | 499 | 5.7 | 0.2 | 2.0 | 436 | 3.7 | 0.1 | 0.2 | 382 | 0.4 | 0.0 | 0.2 | 302 | 0.4 | 0.0 | 6.3 | 15 | 8.4 | 0.0 |
| 2/20/10 8:00 | 3.0 | 499 | 5.6 | 0.2 | 1.9 | 436 | 3.5 | 0.1 | 0.3 | 382 | 0.5 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 6.9 | 15 | 9.2 | 0.0 |
| 2/20/10 8:30 | 3.1 | 494 | 5.7 | 0.2 | 2.2 | 432 | 4.0 | 0.1 | 0.3 | 380 | 0.5 | 0.0 | 0.3 | 302 | 0.5 | 0.0 | 5.5 | 15 | 7.3 | 0.0 |
| 2/20/10 9:00 | 2.8 | 489 | 5.2 | 0.1 | 3.1 | 428 | 5.6 | 0.1 | 0.3 | 376 | 0.5 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.3 | 15 | 8.4 | 0.0 |
| 2/20/10 9:30 | 2.8 | 489 | 5.2 | 0.1 | 3.9 | 428 | 7.3 | 0.2 | 0.3 | 376 | 0.5 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.3 | 15 | 8.4 | 0.0 |
| 2/20/10 10:00 | 3.7 | 494 | 6.9 | 0.2 | 2.0 | 431 | 3.7 | 0.1 | 0.3 | 378 | 0.5 | 0.0 | 0.2 | 299 | 0.4 | 0.0 | 6.9 | 15 | 9.2 | 0.0 |
| 2/20/10 10:30 | 2.9 | 489 | 5.4 | 0.1 | 2.0 | 427 | 3.7 | 0.1 | 0.3 | 374 | 0.5 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 6.0 | 15 | 8.0 | 0.0 |
| 2/20/10 11:00 | 3.0 | 484 | 5.6 | 0.2 | 2.0 | 423 | 3.7 | 0.1 | 0.3 | 372 | 0.5 | 0.0 | 0.2 | 296 | 0.4 | 0.0 | 7.0 | 15 | 9.4 | 0.0 |
| 2/20/10 11:30 | 2.7 | 489 | 5.0 | 0.1 | 2.2 | 426 | 4.0 | 0.1 | 0.4 | 372 | 0.7 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 13.0 | 15 | 18.1 | 0.0 |
| 2/20/10 12:00 | 2.8 | 484 | 5.2 | 0.1 | 2.2 | 422 | 4.0 | 0.1 | 0.6 | 370 | 1.1 | 0.0 | 0.4 | 293 | 0.7 | 0.0 | 9.9 | 15 | 13.6 | 0.0 |
| 2/20/10 12:30 | 2.9 | 478 | 5.4 | 0.1 | 2.1 | 419 | 3.9 | 0.1 | 0.2 | 368 | 0.4 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 7.8 | 15 | 10.5 | 0.0 |
| 2/20/10 13:00 | 2.9 | 484 | 5.4 | 0.1 | 2.0 | 422 | 3.7 | 0.1 | 0.2 | 370 | 0.4 | 0.0 | 0.2 | 293 | 0.4 | 0.0 | 8.5 | 15 | 11.5 | 0.0 |
| 2/20/10 13:30 | 2.8 | 478 | 5.2 | 0.1 | 2.0 | 419 | 3.7 | 0.1 | 0.3 | 368 | 0.5 | 0.0 | 0.3 | 293 | 0.5 | 0.0 | 6.7 | 15 | 9.0 | 0.0 |
| 2/20/10 14:00 | 3.0 | 478 | 5.6 | 0.1 | 2.0 | 418 | 3.7 | 0.1 | 0.3 | 366 | 0.5 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 7.1 | 15 | 9.5 | 0.0 |
| 2/20/10 14:30 | 3.1 | 473 | 5.7 | 0.2 | 2.1 | 414 | 3.9 | 0.1 | 0.5 | 364 | 0.9 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.6 | 15 | 8.8 | 0.0 |
| 2/20/10 15:00 | 2.8 | 473 | 5.2 | 0.1 | 1.9 | 414 | 3.5 | 0.1 | 0.3 | 364 | 0.5 | 0.0 | 0.2 | 290 | 0.4 | 0.0 | 6.6 | 15 | 8.8 | 0.0 |
| 2/20/10 15:30 | 3.2 | 473 | 5.9 | 0.2 | 1.9 | 413 | 3.5 | 0.1 | 0.3 | 362 | 0.5 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 7.5 | 15 | 10.1 | 0.0 |
| 2/20/10 16:00 | 2.8 | 468 | 5.2 | 0.1 | 2.1 | 410 | 3.9 | 0.1 | 0.4 | 360 | 0.7 | 0.0 | 0.3 | 286 | 0.5 | 0.0 | 6.4 | 15 | 8.5 | 0.0 |
| 2/20/10 16:30 | 3.7 | 468 | 6.9 | 0.2 | 2.1 | 410 | 3.9 | 0.1 | 0.6 | 360 | 1.1 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 6.8 | 15 | 9.1 | 0.0 |
| 2/20/10 17:00 | 2.5 | 468 | 4.6 | 0.1 | 2.1 | 410 | 3.9 | 0.1 | 0.3 | 360 | 0.5 | 0.0 | 0.2 | 286 | 0.4 | 0.0 | 6.0 | 15 | 8.0 | 0.0 |
| 2/20/10 17:30 | 2.8 | 468 | 5.2 | 0.1 | 2.1 | 409 | 3.9 | 0.1 | 1.4 | 359 | 2.6 | 0.1 | 0.2 | 283 | 0.4 | 0.0 | 5.7 | 15 | 7.5 | 0.0 |
| 2/20/10 18:00 | 2.9 | 468 | 5.4 | 0.1 | 2.2 | 409 | 4.0 | 0.1 | 0.3 | 359 | 0.5 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 6.9 | 15 | 9.2 | 0.0 |
| 2/20/10 18:30 | 2.9 | 468 | 5.4 | 0.1 | 2.2 | 409 | 4.0 | 0.1 | 0.3 | 359 | 0.5 | 0.0 | 0.2 | 283 | 0.4 | 0.0 | 6.9 | 15 | 9.2 | 0.0 |
| 2/20/10 19:00 | 2.8 | 463 | 5.2 | 0.1 | 2.3 | 404 | 4.2 | 0.1 | 0.2 | 355 | 0.4 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 6.5 | 14 | 8.7 | 0.0 |
| 2/20/10 19:30 | 3.0 | 463 | 5.6 | 0.1 | 3.1 | 404 | 5.7 | 0.1 | 0.2 | 355 | 0.4 | 0.0 | 0.3 | 280 | 0.5 | 0.0 | 6.4 | 14 | 8.5 | 0.0 |
| 2/20/10 20:00 | 2.8 | 463 | 5.2 | 0.1 | 2.3 | 404 | 4.2 | 0.1 | 0.3 | 355 | 0.5 | 0.0 | 0.2 | 280 | 0.4 | 0.0 | 6.6 | 14 | 8.8 | 0.0 |
| 2/20/10 20:30 | 2.8 | 463 | 5.2 | 0.1 | 2.1 | 403 | 3.9 | 0.1 | 0.9 | 353 | 1.6 | 0.0 | 0.3 | 277 | 0.5 | 0.0 | 5.8 | 14 | 7.7 | 0.0 |
| 2/20/10 21:00 | 2.9 | 458 | 5.4 | 0.1 | 2.3 | 400 | 4.2 | 0.1 | 0.5 | 351 | 0.9 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 6.0 | 14 | 8.0 | 0.0 |
| 2/20/10 21:30 | 2.9 | 458 | 5.4 | 0.1 | 2.1 | 400 | 3.9 | 0.1 | 0.3 | 351 | 0.5 | 0.0 | 0.2 | 277 | 0.4 | 0.0 | 5.7 | 14 | 7.5 | 0.0 |
| 2/20/10 22:00 | 2.8 | 458 | 5.2 | 0.1 | 2.2 | 399 | 4.0 | 0.1 | 0.2 | 349 | 0.4 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 5.6 | 14 | 7.4 | 0.0 |
| 2/20/10 22:30 | 2.7 | 463 | 5.0 | 0.1 | 8.4 | 402 | 15.9 | 0.4 | 0.3 | 351 | 0.5 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 6.3 | 14 | 8.4 | 0.0 |
| 2/20/10 23:00 | 2.8 | 453 | 5.2 | 0.1 | 1.9 | 396 | 3.5 | 0.1 | 0.4 | 347 | 0.7 | 0.0 | 0.2 | 275 | 0.4 | 0.0 | 6.2 | 14 | 8.3 | 0.0 |
| 2/20/10 23:30 | 3.0 | 453 | 5.6 | 0.1 | 2.0 | 395 | 3.7 | 0.1 | 0.3 | 345 | 0.5 | 0.0 | 0.6 | 272 | 1.1 | 0.0 | 9.1 | 14 | 12.4 | 0.0 |
| 2/21/10 0:00 | 2.9 | 453 | 5.4 | 0.1 | 2.0 | 395 | 3.7 | 0.1 | 0.5 | 345 | 0.9 | 0.0 | 0.3 | 272 | 0.5 | 0.0 | 5.7 | 14 | 7.5 | 0.0 |
| 2/21/10 0:30 | 2.9 | 448 | 5.4 | 0.1 | 2.0 | 390 | 3.7 | 0.1 | 0.3 | 342 | 0.5 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.7 | 14 | 7.5 | 0.0 |
| 2/21/10 1:00 | 2.9 | 448 | 5.4 | 0.1 | 2.0 | 391 | 3.7 | 0.1 | 0.4 | 343 | 0.7 | 0.0 | 0.2 | 272 | 0.4 | 0.0 | 6.2 | 14 | 8.3 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/21/10 1:30 | 2.9 | 448 | 5.4 | 0.1 | 2.6 | 390 | 4.8 | 0.1 | 0.7 | 342 | 1.3 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 5.7 | 14 | 7.5 | 0.0 |
| 2/21/10 2:00 | 3.0 | 448 | 5.6 | 0.1 | 1.8 | 390 | 3.3 | 0.1 | 0.1 | 342 | 0.2 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 6.3 | 14 | 8.4 | 0.0 |
| 2/21/10 2:30 | 3.7 | 443 | 6.9 | 0.2 | 2.0 | 387 | 3.7 | 0.1 | 0.3 | 340 | 0.5 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 6.0 | 14 | 8.0 | 0.0 |
| 2/21/10 3:00 | 2.8 | 448 | 5.2 | 0.1 | 2.4 | 390 | 4.4 | 0.1 | 0.4 | 342 | 0.7 | 0.0 | 0.3 | 269 | 0.5 | 0.0 | 5.2 | 14 | 6.8 | 0.0 |
| 2/21/10 3:30 | 2.9 | 443 | 5.4 | 0.1 | 1.9 | 387 | 3.5 | 0.1 | 0.3 | 340 | 0.5 | 0.0 | 0.2 | 269 | 0.4 | 0.0 | 4.9 | 14 | 6.4 | 0.0 |
| 2/21/10 4:00 | 3.6 | 443 | 6.7 | 0.2 | 2.0 | 386 | 3.7 | 0.1 | 0.2 | 338 | 0.4 | 0.0 | 0.3 | 266 | 0.5 | 0.0 | 8.7 | 14 | 11.8 | 0.0 |
| 2/21/10 4:30 | 2.8 | 438 | 5.2 | 0.1 | 2.0 | 383 | 3.7 | 0.1 | 0.3 | 336 | 0.5 | 0.0 | 0.2 | 266 | 0.4 | 0.0 | 6.8 | 14 | 9.1 | 0.0 |
| 2/21/10 5:00 | 3.0 | 438 | 5.6 | 0.1 | 1.9 | 382 | 3.5 | 0.1 | 0.4 | 334 | 0.7 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 6.0 | 14 | 8.0 | 0.0 |
| 2/21/10 5:30 | 2.8 | 438 | 5.2 | 0.1 | 2.0 | 382 | 3.7 | 0.1 | 0.1 | 334 | 0.2 | 0.0 | 0.3 | 263 | 0.5 | 0.0 | 5.9 | 14 | 7.8 | 0.0 |
| 2/21/10 6:00 | 2.8 | 438 | 5.2 | 0.1 | 2.0 | 382 | 3.7 | 0.1 | 0.2 | 334 | 0.4 | 0.0 | 0.2 | 263 | 0.4 | 0.0 | 5.4 | 14 | 7.1 | 0.0 |
| 2/21/10 6:30 | 3.0 | 433 | 5.6 | 0.1 | 1.8 | 379 | 3.3 | 0.1 | 0.3 | 332 | 0.5 | 0.0 | 0.2 | 263 | 0.4 | 0.0 | 4.9 | 14 | 6.4 | 0.0 |
| 2/21/10 7:00 | 3.1 | 433 | 5.7 | 0.1 | 2.0 | 378 | 3.7 | 0.1 | 0.4 | 331 | 0.7 | 0.0 | 0.2 | 260 | 0.4 | 0.0 | 5.7 | 13 | 7.5 | 0.0 |
| 2/21/10 7:30 | 2.8 | 438 | 5.2 | 0.1 | 1.9 | 381 | 3.5 | 0.1 | 0.3 | 333 | 0.5 | 0.0 | 0.3 | 260 | 0.5 | 0.0 | 4.7 | 13 | 6.2 | 0.0 |
| 2/21/10 8:00 | 2.8 | 433 | 5.2 | 0.1 | 2.1 | 377 | 3.9 | 0.1 | 0.2 | 329 | 0.4 | 0.0 | 0.3 | 257 | 0.5 | 0.0 | 5.8 | 13 | 7.7 | 0.0 |
| 2/21/10 8:30 | 2.8 | 433 | 5.2 | 0.1 | 2.7 | 377 | 5.0 | 0.1 | 0.6 | 329 | 1.1 | 0.0 | 0.7 | 257 | 1.3 | 0.0 | 8.6 | 13 | 11.7 | 0.0 |
| 2/21/10 9:00 | 3.2 | 429 | 5.9 | 0.1 | 2.1 | 373 | 3.9 | 0.1 | 0.3 | 327 | 0.5 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 6.4 | 13 | 8.5 | 0.0 |
| 2/21/10 9:30 | 2.8 | 429 | 5.2 | 0.1 | 2.3 | 373 | 4.2 | 0.1 | 0.3 | 327 | 0.5 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 6.1 | 13 | 8.1 | 0.0 |
| 2/21/10 10:00 | 2.8 | 429 | 5.2 | 0.1 | 1.9 | 373 | 3.5 | 0.1 | 0.2 | 327 | 0.4 | 0.0 | 0.2 | 257 | 0.4 | 0.0 | 6.2 | 13 | 8.3 | 0.0 |
| 2/21/10 10:30 | 2.9 | 429 | 5.4 | 0.1 | 1.8 | 373 | 3.3 | 0.1 | 0.3 | 325 | 0.5 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 5.1 | 13 | 6.7 | 0.0 |
| 2/21/10 11:00 | 2.7 | 424 | 5.0 | 0.1 | 1.9 | 369 | 3.5 | 0.1 | 0.7 | 323 | 1.3 | 0.0 | 0.3 | 254 | 0.5 | 0.0 | 5.5 | 13 | 7.3 | 0.0 |
| 2/21/10 11:30 | 2.8 | 424 | 5.2 | 0.1 | 1.8 | 369 | 3.3 | 0.1 | 0.3 | 323 | 0.5 | 0.0 | 0.2 | 254 | 0.4 | 0.0 | 6.8 | 13 | 9.1 | 0.0 |
| 2/21/10 12:00 | 2.6 | 424 | 4.8 | 0.1 | 2.0 | 368 | 3.7 | 0.1 | 0.4 | 322 | 0.7 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 5.4 | 13 | 7.1 | 0.0 |
| 2/21/10 12:30 | 3.0 | 424 | 5.6 | 0.1 | 2.2 | 368 | 4.0 | 0.1 | 0.3 | 322 | 0.5 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 6.4 | 13 | 8.5 | 0.0 |
| 2/21/10 13:00 | 3.1 | 419 | 5.7 | 0.1 | 1.9 | 365 | 3.5 | 0.1 | 0.3 | 320 | 0.5 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 6.7 | 13 | 9.0 | 0.0 |
| 2/21/10 13:30 | 2.8 | 419 | 5.2 | 0.1 | 2.0 | 365 | 3.7 | 0.1 | 0.4 | 320 | 0.7 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 6.2 | 13 | 8.3 | 0.0 |
| 2/21/10 14:00 | 2.6 | 419 | 4.8 | 0.1 | 2.2 | 365 | 4.0 | 0.1 | 0.3 | 320 | 0.5 | 0.0 | 0.2 | 252 | 0.4 | 0.0 | 5.1 | 13 | 6.7 | 0.0 |
| 2/21/10 14:30 | 2.8 | 419 | 5.2 | 0.1 | 1.9 | 364 | 3.5 | 0.1 | 0.2 | 318 | 0.4 | 0.0 | 0.2 | 249 | 0.4 | 0.0 | 6.0 | 13 | 8.0 | 0.0 |
| 2/21/10 15:00 | 2.8 | 414 | 5.2 | 0.1 | 2.0 | 361 | 3.7 | 0.1 | 0.1 | 316 | 0.2 | 0.0 | 0.2 | 249 | 0.4 | 0.0 | 5.0 | 13 | 6.6 | 0.0 |
| 2/21/10 15:30 | 2.8 | 419 | 5.2 | 0.1 | 1.9 | 364 | 3.5 | 0.1 | 0.2 | 318 | 0.4 | 0.0 | 0.4 | 249 | 0.7 | 0.0 | 6.5 | 13 | 8.7 | 0.0 |
| 2/21/10 16:00 | 2.8 | 414 | 5.2 | 0.1 | 2.1 | 360 | 3.9 | 0.1 | 0.1 | 314 | 0.2 | 0.0 | 0.3 | 246 | 0.5 | 0.0 | 5.2 | 13 | 6.8 | 0.0 |
| 2/21/10 16:30 | 2.6 | 410 | 4.8 | 0.1 | 2.0 | 357 | 3.7 | 0.1 | 0.2 | 313 | 0.4 | 0.0 | 0.5 | 246 | 0.9 | 0.0 | 5.5 | 13 | 7.3 | 0.0 |
| 2/21/10 17:00 | 2.5 | 414 | 4.6 | 0.1 | 2.1 | 360 | 3.9 | 0.1 | 0.1 | 314 | 0.2 | 0.0 | 0.4 | 246 | 0.7 | 0.0 | 5.1 | 13 | 6.7 | 0.0 |
| 2/21/10 17:30 | 2.6 | 419 | 4.8 | 0.1 | 2.0 | 363 | 3.7 | 0.1 | 0.3 | 316 | 0.5 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 6.6 | 13 | 8.8 | 0.0 |
| 2/21/10 18:00 | 2.7 | 410 | 5.0 | 0.1 | 2.1 | 357 | 3.9 | 0.1 | 0.3 | 313 | 0.5 | 0.0 | 0.2 | 246 | 0.4 | 0.0 | 6.8 | 13 | 9.1 | 0.0 |
| 2/21/10 18:30 | 2.6 | 410 | 4.8 | 0.1 | 2.0 | 356 | 3.7 | 0.1 | 0.3 | 311 | 0.5 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 4.9 | 13 | 6.4 | 0.0 |
| 2/21/10 19:00 | 2.7 | 405 | 5.0 | 0.1 | 2.3 | 353 | 4.2 | 0.1 | 0.5 | 309 | 0.9 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 5.5 | 13 | 7.3 | 0.0 |
| 2/21/10 19:30 | 2.7 | 405 | 5.0 | 0.1 | 2.1 | 353 | 3.9 | 0.1 | 0.3 | 309 | 0.5 | 0.0 | 0.3 | 243 | 0.5 | 0.0 | 5.4 | 13 | 7.1 | 0.0 |
| 2/21/10 20:00 | 2.8 | 405 | 5.2 | 0.1 | 2.0 | 353 | 3.7 | 0.1 | 0.2 | 309 | 0.4 | 0.0 | 0.4 | 243 | 0.7 | 0.0 | 7.4 | 13 | 10.0 | 0.0 |
| 2/21/10 20:30 | 2.7 | 405 | 5.0 | 0.1 | 2.1 | 352 | 3.9 | 0.1 | 0.3 | 307 | 0.5 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 5.6 | 12 | 7.4 | 0.0 |
| 2/21/10 21:00 | 3.1 | 405 | 5.7 | 0.1 | 2.0 | 352 | 3.7 | 0.1 | 0.4 | 307 | 0.7 | 0.0 | 0.2 | 241 | 0.4 | 0.0 | 6.0 | 12 | 8.0 | 0.0 |
| 2/21/10 21:30 | 2.7 | 405 | 5.0 | 0.1 | 2.2 | 352 | 4.0 | 0.1 | 0.3 | 307 | 0.5 | 0.0 | 0.3 | 241 | 0.5 | 0.0 | 5.8 | 12 | 7.7 | 0.0 |
| 2/21/10 22:00 | 2.8 | 400 | 5.2 | 0.1 | 2.0 | 348 | 3.7 | 0.1 | 0.2 | 304 | 0.4 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 6.5 | 12 | 8.7 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/21/10 22:30 | 2.7 | 400 | 5.0 | 0.1 | 2.5 | 348 | 4.6 | 0.1 | 0.5 | 304 | 0.9 | 0.0 | 0.4 | 238 | 0.7 | 0.0 | 5.2 | 12 | 6.8 | 0.0 |
| 2/21/10 23:00 | 2.7 | 400 | 5.0 | 0.1 | 2.0 | 348 | 3.7 | 0.1 | 0.4 | 304 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 5.5 | 12 | 7.3 | 0.0 |
| 2/21/10 23:30 | 2.7 | 396 | 5.0 | 0.1 | 2.3 | 345 | 4.2 | 0.1 | 0.1 | 302 | 0.2 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 4.9 | 12 | 6.4 | 0.0 |
| 2/22/10 0:00 | 2.7 | 391 | 5.0 | 0.1 | 2.6 | 342 | 4.8 | 0.1 | 0.4 | 300 | 0.7 | 0.0 | 0.2 | 238 | 0.4 | 0.0 | 6.2 | 12 | 8.3 | 0.0 |
| 2/22/10 0:30 | 3.2 | 391 | 5.9 | 0.1 | 2.0 | 341 | 3.7 | 0.1 | 0.3 | 299 | 0.5 | 0.0 | 0.2 | 235 | 0.4 | 0.0 | 5.7 | 12 | 7.5 | 0.0 |
| 2/22/10 1:00 | 2.5 | 400 | 4.6 | 0.1 | 2.4 | 347 | 4.4 | 0.1 | 0.3 | 302 | 0.5 | 0.0 | 0.2 | 235 | 0.4 | 0.0 | 5.3 | 12 | 7.0 | 0.0 |
| 2/22/10 1:30 | 2.5 | 396 | 4.6 | 0.1 | 2.0 | 344 | 3.7 | 0.1 | 0.3 | 300 | 0.5 | 0.0 | 0.2 | 235 | 0.4 | 0.0 | 3.7 | 12 | 4.8 | 0.0 |
| 2/22/10 2:00 | 2.8 | 396 | 5.2 | 0.1 | 2.2 | 343 | 4.0 | 0.1 | 0.6 | 299 | 1.1 | 0.0 | 0.2 | 232 | 0.4 | 0.0 | 5.3 | 12 | 7.0 | 0.0 |
| 2/22/10 2:30 | 2.7 | 391 | 5.0 | 0.1 | 2.0 | 340 | 3.7 | 0.1 | 0.3 | 297 | 0.5 | 0.0 | 0.3 | 232 | 0.5 | 0.0 | 3.7 | 12 | 4.8 | 0.0 |
| 2/22/10 3:00 | 2.8 | 391 | 5.2 | 0.1 | 2.0 | 340 | 3.7 | 0.1 | 0.1 | 297 | 0.2 | 0.0 | 0.2 | 232 | 0.4 | 0.0 | 5.4 | 12 | 7.1 | 0.0 |
| 2/22/10 3:30 | 2.6 | 391 | 4.8 | 0.1 | 2.0 | 339 | 3.7 | 0.1 | 0.2 | 295 | 0.4 | 0.0 | 0.2 | 230 | 0.4 | 0.0 | 3.8 | 12 | 4.9 | 0.0 |
| 2/22/10 4:00 | 2.6 | 387 | 4.8 | 0.1 | 2.1 | 336 | 3.9 | 0.1 | 0.2 | 294 | 0.4 | 0.0 | 0.2 | 230 | 0.4 | 0.0 | 4.2 | 12 | 5.5 | 0.0 |
| 2/22/10 4:30 | 2.4 | 391 | 4.4 | 0.1 | 2.0 | 339 | 3.7 | 0.1 | 0.3 | 295 | 0.5 | 0.0 | 1.1 | 230 | 2.0 | 0.0 | 5.0 | 12 | 6.6 | 0.0 |
| 2/22/10 5:00 | 2.7 | 387 | 5.0 | 0.1 | 2.2 | 336 | 4.0 | 0.1 | 0.3 | 294 | 0.5 | 0.0 | 0.2 | 230 | 0.4 | 0.0 | 4.8 | 12 | 6.3 | 0.0 |
| 2/22/10 5:30 | 2.7 | 382 | 5.0 | 0.1 | 1.9 | 333 | 3.5 | 0.1 | 0.2 | 292 | 0.4 | 0.0 | 0.2 | 230 | 0.4 | 0.0 | 4.6 | 12 | 6.0 | 0.0 |
| 2/22/10 6:00 | 2.6 | 382 | 4.8 | 0.1 | 2.6 | 332 | 4.8 | 0.1 | 0.6 | 290 | 1.1 | 0.0 | 0.3 | 227 | 0.5 | 0.0 | 5.1 | 12 | 6.7 | 0.0 |
| 2/22/10 6:30 | 2.8 | 387 | 5.2 | 0.1 | 2.0 | 335 | 3.7 | 0.1 | 0.4 | 292 | 0.7 | 0.0 | 0.2 | 227 | 0.4 | 0.0 | 4.1 | 12 | 5.3 | 0.0 |
| 2/22/10 7:00 | 2.7 | 382 | 5.0 | 0.1 | 1.8 | 332 | 3.3 | 0.1 | 0.4 | 290 | 0.7 | 0.0 | 0.2 | 227 | 0.4 | 0.0 | 4.4 | 12 | 5.7 | 0.0 |
| 2/22/10 7:30 | 3.0 | 382 | 5.6 | 0.1 | 2.0 | 332 | 3.7 | 0.1 | 0.2 | 290 | 0.4 | 0.0 | 0.2 | 227 | 0.4 | 0.0 | 6.1 | 12 | 8.1 | 0.0 |
| 2/22/10 8:00 | 2.7 | 382 | 5.0 | 0.1 | 2.1 | 331 | 3.9 | 0.1 | 0.1 | 289 | 0.2 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 4.2 | 12 | 5.5 | 0.0 |
| 2/22/10 8:30 | 2.6 | 378 | 4.8 | 0.1 | 2.0 | 329 | 3.7 | 0.1 | 0.2 | 287 | 0.4 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 5.1 | 12 | 6.7 | 0.0 |
| 2/22/10 9:00 | 2.6 | 378 | 4.8 | 0.1 | 1.9 | 329 | 3.5 | 0.1 | 0.1 | 287 | 0.2 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 4.3 | 12 | 5.6 | 0.0 |
| 2/22/10 9:30 | 2.8 | 378 | 5.2 | 0.1 | 2.0 | 329 | 3.7 | 0.1 | 0.2 | 287 | 0.4 | 0.0 | 0.4 | 225 | 0.7 | 0.0 | 4.8 | 12 | 6.3 | 0.0 |
| 2/22/10 10:00 | 2.5 | 378 | 4.6 | 0.1 | 1.9 | 329 | 3.5 | 0.1 | 0.2 | 287 | 0.4 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 3.5 | 12 | 4.5 | 0.0 |
| 2/22/10 10:30 | 2.9 | 378 | 5.4 | 0.1 | 1.9 | 329 | 3.5 | 0.1 | 0.2 | 287 | 0.4 | 0.0 | 0.2 | 225 | 0.4 | 0.0 | 4.1 | 12 | 5.3 | 0.0 |
| 2/22/10 11:00 | 2.4 | 378 | 4.4 | 0.1 | 2.2 | 328 | 4.0 | 0.1 | 0.2 | 285 | 0.4 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 3.7 | 12 | 4.8 | 0.0 |
| 2/22/10 11:30 | 2.4 | 374 | 4.4 | 0.1 | 1.8 | 325 | 3.3 | 0.1 | 0.2 | 284 | 0.4 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 3.7 | 12 | 4.8 | 0.0 |
| 2/22/10 12:00 | 2.5 | 374 | 4.6 | 0.1 | 2.0 | 325 | 3.7 | 0.1 | 0.2 | 284 | 0.4 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 3.6 | 12 | 4.6 | 0.0 |
| 2/22/10 12:30 | 2.5 | 374 | 4.6 | 0.1 | 1.9 | 325 | 3.5 | 0.1 | 0.1 | 284 | 0.2 | 0.0 | 0.3 | 222 | 0.5 | 0.0 | 4.2 | 12 | 5.5 | 0.0 |
| 2/22/10 13:00 | 2.5 | 374 | 4.6 | 0.1 | 2.0 | 324 | 3.7 | 0.1 | 0.2 | 282 | 0.4 | 0.0 | 0.3 | 219 | 0.5 | 0.0 | 4.0 | 11 | 5.2 | 0.0 |
| 2/22/10 13:30 | 2.6 | 370 | 4.8 | 0.1 | 2.1 | 322 | 3.9 | 0.1 | 0.1 | 282 | 0.2 | 0.0 | 0.2 | 222 | 0.4 | 0.0 | 4.6 | 12 | 6.0 | 0.0 |
| 2/22/10 14:00 | 2.6 | 370 | 4.8 | 0.1 | 2.0 | 321 | 3.7 | 0.1 | 0.4 | 281 | 0.7 | 0.0 | 0.2 | 219 | 0.4 | 0.0 | 4.4 | 11 | 5.7 | 0.0 |
| 2/22/10 14:30 | 2.9 | 370 | 5.4 | 0.1 | 1.9 | 321 | 3.5 | 0.1 | 0.1 | 281 | 0.2 | 0.0 | 0.2 | 219 | 0.4 | 0.0 | 4.6 | 11 | 6.0 | 0.0 |
| 2/22/10 15:00 | 2.8 | 370 | 5.2 | 0.1 | 1.9 | 321 | 3.5 | 0.1 | 0.3 | 281 | 0.5 | 0.0 | 0.4 | 219 | 0.7 | 0.0 | 5.8 | 11 | 7.7 | 0.0 |
| 2/22/10 15:30 | 2.7 | 370 | 5.0 | 0.1 | 2.0 | 321 | 3.7 | 0.1 | 0.1 | 281 | 0.2 | 0.0 | 0.2 | 219 | 0.4 | 0.0 | 8.5 | 11 | 11.5 | 0.0 |
| 2/22/10 16:00 | 2.9 | 366 | 5.4 | 0.1 | 2.0 | 318 | 3.7 | 0.1 | 0.4 | 277 | 0.7 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 7.2 | 11 | 9.7 | 0.0 |
| 2/22/10 16:30 | 3.3 | 366 | 6.1 | 0.1 | 1.9 | 318 | 3.5 | 0.1 | 0.1 | 277 | 0.2 | 0.0 | 0.2 | 217 | 0.4 | 0.0 | 4.5 | 11 | 5.9 | 0.0 |
| 2/22/10 17:00 | 2.8 | 370 | 5.2 | 0.1 | 2.2 | 321 | 4.0 | 0.1 | 0.2 | 279 | 0.4 | 0.0 | 0.2 | 217 | 0.4 | 0.0 | 4.9 | 11 | 6.4 | 0.0 |
| 2/22/10 17:30 | 2.6 | 366 | 4.8 | 0.1 | 2.0 | 318 | 3.7 | 0.1 | 0.1 | 277 | 0.2 | 0.0 | 0.2 | 217 | 0.4 | 0.0 | 4.5 | 11 | 5.9 | 0.0 |
| 2/22/10 18:00 | 2.7 | 366 | 5.0 | 0.1 | 2.1 | 318 | 3.9 | 0.1 | 0.2 | 277 | 0.4 | 0.0 | 0.2 | 217 | 0.4 | 0.0 | 5.1 | 11 | 6.7 | 0.0 |
| 2/22/10 18:30 | 2.5 | 366 | 4.6 | 0.1 | 2.6 | 318 | 4.8 | 0.1 | 0.1 | 277 | 0.2 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 4.0 | 11 | 5.2 | 0.0 |
| 2/22/10 19:00 | 2.5 | 362 | 4.6 | 0.1 | 2.6 | 315 | 4.8 | 0.1 | 0.1 | 274 | 0.2 | 0.0 | 0.2 | 214 | 0.4 | 0.0 | 3.5 | 11 | 4.5 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/22/10 19:30 | 2.5 | 362 | 4.6 | 0.1 | 2.2 | 315 | 4.0 | 0.1 | 0.2 | 274 | 0.4 | 0.0 | 0.3 | 214 | 0.5 | 0.0 | 3.8 | 11 | 4.9 | 0.0 |
| 2/22/10 20:00 | 2.6 | 362 | 4.8 | 0.1 | 2.2 | 315 | 4.0 | 0.1 | 0.2 | 274 | 0.4 | 0.0 | 0.2 | 214 | 0.4 | 0.0 | 5.3 | 11 | 7.0 | 0.0 |
| 2/22/10 20:30 | 2.5 | 362 | 4.6 | 0.1 | 2.5 | 315 | 4.6 | 0.1 | 0.2 | 274 | 0.4 | 0.0 | 0.2 | 214 | 0.4 | 0.0 | 4.3 | 11 | 5.6 | 0.0 |
| 2/22/10 21:00 | 2.5 | 362 | 4.6 | 0.1 | 2.2 | 314 | 4.0 | 0.1 | 0.2 | 273 | 0.4 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 4.4 | 11 | 5.7 | 0.0 |
| 2/22/10 21:30 | 2.4 | 358 | 4.4 | 0.1 | 2.1 | 311 | 3.9 | 0.1 | 0.3 | 271 | 0.5 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 5.6 | 11 | 7.4 | 0.0 |
| 2/22/10 22:00 | 2.4 | 358 | 4.4 | 0.1 | 1.7 | 311 | 3.1 | 0.1 | 0.2 | 271 | 0.4 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 5.7 | 11 | 7.5 | 0.0 |
| 2/22/10 22:30 | 2.6 | 358 | 4.8 | 0.1 | 1.7 | 311 | 3.1 | 0.1 | 0.3 | 271 | 0.5 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 4.0 | 11 | 5.2 | 0.0 |
| 2/22/10 23:00 | 2.6 | 358 | 4.8 | 0.1 | 1.7 | 311 | 3.1 | 0.1 | 0.1 | 271 | 0.2 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 5.1 | 11 | 6.7 | 0.0 |
| 2/22/10 23:30 | 2.5 | 358 | 4.6 | 0.1 | 1.6 | 311 | 2.9 | 0.1 | 0.1 | 271 | 0.2 | 0.0 | 0.3 | 212 | 0.5 | 0.0 | 4.1 | 11 | 5.3 | 0.0 |
| 2/23/10 0:00 | 2.5 | 358 | 4.6 | 0.1 | 1.6 | 310 | 2.9 | 0.1 | 0.1 | 270 | 0.2 | 0.0 | 0.2 | 209 | 0.4 | 0.0 | 4.9 | 11 | 6.4 | 0.0 |
| 2/23/10 0:30 | 2.6 | 358 | 4.8 | 0.1 | 2.2 | 310 | 4.0 | 0.1 | 0.2 | 270 | 0.4 | 0.0 | 0.2 | 209 | 0.4 | 0.0 | 3.3 | 11 | 4.2 | 0.0 |
| 2/23/10 1:00 | 2.6 | 354 | 4.8 | 0.1 | 1.6 | 308 | 2.9 | 0.1 | 0.2 | 268 | 0.4 | 0.0 | 0.2 | 209 | 0.4 | 0.0 | 4.1 | 11 | 5.3 | 0.0 |
| 2/23/10 1:30 | 2.5 | 354 | 4.6 | 0.1 | 1.7 | 308 | 3.1 | 0.1 | 0.3 | 268 | 0.5 | 0.0 | 0.2 | 209 | 0.4 | 0.0 | 4.1 | 11 | 5.3 | 0.0 |
| 2/23/10 2:00 | 2.7 | 354 | 5.0 | 0.1 | 1.7 | 307 | 3.1 | 0.1 | 0.1 | 267 | 0.2 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 3.7 | 11 | 4.8 | 0.0 |
| 2/23/10 2:30 | 2.7 | 354 | 5.0 | 0.1 | 1.6 | 307 | 2.9 | 0.1 | 0.3 | 267 | 0.5 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 3.8 | 11 | 4.9 | 0.0 |
| 2/23/10 3:00 | 2.8 | 351 | 5.2 | 0.1 | 1.8 | 304 | 3.3 | 0.1 | 0.2 | 265 | 0.4 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 4.4 | 11 | 5.7 | 0.0 |
| 2/23/10 3:30 | 3.0 | 354 | 5.6 | 0.1 | 1.7 | 307 | 3.1 | 0.1 | 0.1 | 267 | 0.2 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 4.2 | 11 | 5.5 | 0.0 |
| 2/23/10 4:00 | 2.6 | 351 | 4.8 | 0.1 | 1.8 | 304 | 3.3 | 0.1 | 0.3 | 265 | 0.5 | 0.0 | 0.2 | 207 | 0.4 | 0.0 | 3.7 | 11 | 4.8 | 0.0 |
| 2/23/10 4:30 | 2.9 | 354 | 5.4 | 0.1 | 1.9 | 307 | 3.5 | 0.1 | 0.1 | 267 | 0.2 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 3.6 | 11 | 4.6 | 0.0 |
| 2/23/10 5:00 | 2.7 | 347 | 5.0 | 0.1 | 1.7 | 301 | 3.1 | 0.1 | 0.4 | 262 | 0.7 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 4.1 | 11 | 5.3 | 0.0 |
| 2/23/10 5:30 | 2.7 | 351 | 5.0 | 0.1 | 1.6 | 303 | 2.9 | 0.0 | 0.3 | 264 | 0.5 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 5.0 | 11 | 6.6 | 0.0 |
| 2/23/10 6:00 | 2.8 | 351 | 5.2 | 0.1 | 1.6 | 303 | 2.9 | 0.0 | 0.3 | 264 | 0.5 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 4.2 | 11 | 5.5 | 0.0 |
| 2/23/10 6:30 | 2.7 | 347 | 5.0 | 0.1 | 1.5 | 301 | 2.7 | 0.0 | 0.2 | 262 | 0.4 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 3.8 | 11 | 4.9 | 0.0 |
| 2/23/10 7:00 | 2.3 | 351 | 4.2 | 0.1 | 1.6 | 303 | 2.9 | 0.0 | 0.2 | 264 | 0.4 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 7.7 | 11 | 10.4 | 0.0 |
| 2/23/10 7:30 | 2.7 | 347 | 5.0 | 0.1 | 1.7 | 301 | 3.1 | 0.1 | 0.1 | 262 | 0.2 | 0.0 | 0.2 | 204 | 0.4 | 0.0 | 4.4 | 11 | 5.7 | 0.0 |
| 2/23/10 8:00 | 2.7 | 347 | 5.0 | 0.1 | 1.6 | 300 | 2.9 | 0.0 | 0.3 | 261 | 0.5 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 3.5 | 11 | 4.5 | 0.0 |
| 2/23/10 8:30 | 2.7 | 347 | 5.0 | 0.1 | 1.5 | 300 | 2.7 | 0.0 | 0.2 | 261 | 0.4 | 0.0 | 0.3 | 202 | 0.5 | 0.0 | 4.6 | 11 | 6.0 | 0.0 |
| 2/23/10 9:00 | 2.6 | 347 | 4.8 | 0.1 | 1.5 | 300 | 2.7 | 0.0 | 0.3 | 261 | 0.5 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 3.9 | 11 | 5.0 | 0.0 |
| 2/23/10 9:30 | 2.6 | 347 | 4.8 | 0.1 | 1.7 | 300 | 3.1 | 0.1 | 0.1 | 261 | 0.2 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 4.9 | 11 | 6.4 | 0.0 |
| 2/23/10 10:00 | 2.6 | 343 | 4.8 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 0.3 | 259 | 0.5 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 15.0 | 11 | 21.1 | 0.0 |
| 2/23/10 10:30 | 2.7 | 343 | 5.0 | 0.1 | 1.5 | 297 | 2.7 | 0.0 | 0.1 | 259 | 0.2 | 0.0 | 0.2 | 202 | 0.4 | 0.0 | 740.0 | 11 | 1325.8 | 0.8 |
| 2/23/10 11:00 | 2.5 | 339 | 4.6 | 0.1 | 1.5 | 294 | 2.7 | 0.0 | 0.1 | 256 | 0.2 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 460.0 | 10 | 800.2 | 0.5 |
| 2/23/10 11:30 | 2.5 | 343 | 4.6 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 0.1 | 258 | 0.2 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 140.0 | 10 | 226.2 | 0.1 |
| 2/23/10 12:00 | 2.5 | 343 | 4.6 | 0.1 | 1.7 | 297 | 3.1 | 0.1 | 0.2 | 258 | 0.4 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 81.0 | 10 | 126.5 | 0.1 |
| 2/23/10 12:30 | 2.7 | 343 | 5.0 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 0.2 | 258 | 0.4 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 45.0 | 10 | 67.8 | 0.0 |
| 2/23/10 13:00 | 2.7 | 343 | 5.0 | 0.1 | 1.8 | 297 | 3.3 | 0.1 | 0.3 | 258 | 0.5 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 40.0 | 10 | 59.8 | 0.0 |
| 2/23/10 13:30 | 2.5 | 343 | 4.6 | 0.1 | 1.7 | 297 | 3.1 | 0.1 | 0.2 | 258 | 0.4 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 33.0 | 10 | 48.7 | 0.0 |
| 2/23/10 14:00 | 2.4 | 343 | 4.4 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 0.1 | 258 | 0.2 | 0.0 | 0.2 | 199 | 0.4 | 0.0 | 30.0 | 10 | 44.0 | 0.0 |
| 2/23/10 14:30 | 2.5 | 343 | 4.6 | 0.1 | 1.7 | 297 | 3.1 | 0.1 | 0.4 | 258 | 0.7 | 0.0 | 0.4 | 199 | 0.7 | 0.0 | 31.0 | 10 | 45.6 | 0.0 |
| 2/23/10 15:00 | 2.7 | 343 | 5.0 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 2.1 | 258 | 3.9 | 0.1 | 0.2 | 199 | 0.4 | 0.0 | 24.0 | 10 | 34.8 | 0.0 |
| 2/23/10 15:30 | 2.4 | 343 | 4.4 | 0.1 | 1.6 | 297 | 2.9 | 0.0 | 5.3 | 258 | 9.9 | 0.1 | 0.2 | 199 | 0.4 | 0.0 | 26.0 | 10 | 37.8 | 0.0 |
| 2/23/10 16:00 | 2.7 | 343 | 5.0 | 0.1 | 1.8 | 297 | 3.3 | 0.1 | 7.6 | 258 | 14.3 | 0.2 | 0.2 | 199 | 0.4 | 0.0 | 27.0 | 10 | 39.4 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/23/10 16:30 | 2.7 | 343 | 5.0 | 0.1 | 1.8 | 296 | 3.3 | 0.1 | 7.6 | 256 | 14.3 | 0.2 | 0.3 | 197 | 0.5 | 0.0 | 48.0 | 10 | 72.6 | 0.0 |
| 2/23/10 17:00 | 2.5 | 343 | 4.6 | 0.1 | 2.0 | 296 | 3.7 | 0.1 | 6.4 | 256 | 12.0 | 0.2 | 0.2 | 197 | 0.4 | 0.0 | 75.0 | 10 | 116.6 | 0.1 |
| 2/23/10 17:30 | 2.8 | 347 | 5.2 | 0.1 | 2.9 | 299 | 5.4 | 0.1 | 4.7 | 259 | 8.8 | 0.1 | 0.2 | 199 | 0.4 | 0.0 | 140.0 | 10 | 226.2 | 0.1 |
| 2/23/10 18:00 | 2.8 | 347 | 5.2 | 0.1 | 5.1 | 299 | 9.5 | 0.2 | 3.2 | 259 | 5.9 | 0.1 | 0.3 | 199 | 0.5 | 0.0 | 120.0 | 10 | 192.0 | 0.1 |
| 2/23/10 18:30 | 2.8 | 351 | 5.2 | 0.1 | 6.1 | 303 | 11.4 | 0.2 | 2.4 | 262 | 4.4 | 0.1 | 0.2 | 202 | 0.4 | 0.0 | 110.0 | 11 | 175.1 | 0.1 |
| 2/23/10 19:00 | 3.1 | 351 | 5.7 | 0.1 | 6.5 | 303 | 12.2 | 0.2 | 2.1 | 264 | 3.9 | 0.1 | 0.3 | 204 | 0.5 | 0.0 | 110.0 | 11 | 175.1 | 0.1 |
| 2/23/10 19:30 | 2.8 | 354 | 5.2 | 0.1 | 5.6 | 307 | 10.5 | 0.2 | 1.7 | 267 | 3.1 | 0.0 | 0.3 | 207 | 0.5 | 0.0 | 97.0 | 11 | 153.2 | 0.1 |
| 2/23/10 20:00 | 2.7 | 358 | 5.0 | 0.1 | 4.8 | 310 | 9.0 | 0.2 | 1.3 | 270 | 2.4 | 0.0 | 0.2 | 209 | 0.4 | 0.0 | 70.0 | 11 | 108.3 | 0.1 |
| 2/23/10 20:30 | 2.8 | 362 | 5.2 | 0.1 | 4.0 | 314 | 7.4 | 0.1 | 1.2 | 273 | 2.2 | 0.0 | 0.2 | 212 | 0.4 | 0.0 | 780.0 | 11 | 1402.1 | 0.9 |
| 2/23/10 21:00 | 2.6 | 366 | 4.8 | 0.1 | 3.2 | 317 | 5.9 | 0.1 | 1.5 | 276 | 2.7 | 0.0 | 0.2 | 214 | 0.4 | 0.0 | 610.0 | 11 | 1079.9 | 0.7 |
| 2/23/10 21:30 | 2.9 | 370 | 5.4 | 0.1 | 3.0 | 321 | 5.6 | 0.1 | 1.7 | 279 | 3.1 | 0.0 | 0.3 | 217 | 0.5 | 0.0 | 250.0 | 11 | 418.7 | 0.3 |
| 2/23/10 22:00 | 2.8 | 374 | 5.2 | 0.1 | 2.8 | 324 | 5.2 | 0.1 | 2.1 | 282 | 3.9 | 0.1 | 0.2 | 219 | 0.4 | 0.0 | 390.0 | 11 | 671.5 | 0.4 |
| 2/23/10 22:30 | 3.1 | 374 | 5.7 | 0.1 | 3.1 | 325 | 5.7 | 0.1 | 3.2 | 284 | 5.9 | 0.1 | 0.2 | 222 | 0.4 | 0.0 | 270.0 | 12 | 454.4 | 0.3 |
| 2/23/10 23:00 | 3.2 | 378 | 5.9 | 0.1 | 2.7 | 329 | 5.0 | 0.1 | 3.2 | 288 | 5.9 | 0.1 | 0.3 | 227 | 0.5 | 0.0 | 150.0 | 12 | 243.4 | 0.2 |
| 2/23/10 23:30 | 3.1 | 378 | 5.7 | 0.1 | 2.8 | 331 | 5.2 | 0.1 | 3.7 | 292 | 6.9 | 0.1 | 0.3 | 232 | 0.5 | 0.0 | 360.0 | 12 | 616.8 | 0.4 |
| 2/24/10 0:00 | 2.9 | 382 | 5.4 | 0.1 | 2.9 | 335 | 5.4 | 0.1 | 3.6 | 295 | 6.7 | 0.1 | 0.2 | 235 | 0.4 | 0.0 | 520.0 | 12 | 911.5 | 0.6 |
| 2/24/10 0:30 | 3.5 | 382 | 6.5 | 0.1 | 3.7 | 336 | 6.9 | 0.1 | 4.3 | 298 | 8.0 | 0.1 | 0.3 | 241 | 0.5 | 0.0 | 160.0 | 12 | 260.7 | 0.2 |
| 2/24/10 1:00 | 4.0 | 387 | 7.4 | 0.2 | 4.0 | 340 | 7.4 | 0.1 | 9.1 | 302 | 17.2 | 0.3 | 0.2 | 243 | 0.4 | 0.0 | 120.0 | 13 | 192.0 | 0.1 |
| 2/24/10 1:30 | 4.8 | 387 | 9.0 | 0.2 | 4.0 | 340 | 7.4 | 0.1 | 15.9 | 302 | 30.4 | 0.5 | 0.2 | 243 | 0.4 | 0.0 | 88.0 | 13 | 138.1 | 0.1 |
| 2/24/10 2:00 | 5.5 | 391 | 10.3 | 0.2 | 4.2 | 344 | 7.8 | 0.2 | 15.1 | 305 | 28.9 | 0.5 | 0.3 | 246 | 0.5 | 0.0 | 110.0 | 13 | 175.1 | 0.1 |
| 2/24/10 2:30 | 5.8 | 391 | 10.9 | 0.2 | 4.7 | 345 | 8.8 | 0.2 | 13.6 | 307 | 25.9 | 0.4 | 0.3 | 249 | 0.5 | 0.0 | 120.0 | 13 | 192.0 | 0.1 |
| 2/24/10 3:00 | 5.4 | 396 | 10.1 | 0.2 | 6.1 | 348 | 11.4 | 0.2 | 11.8 | 309 | 22.4 | 0.4 | 0.3 | 249 | 0.5 | 0.0 | 200.0 | 13 | 330.4 | 0.2 |
| 2/24/10 3:30 | 4.8 | 396 | 9.0 | 0.2 | 9.2 | 350 | 17.4 | 0.3 | 10.4 | 312 | 19.7 | 0.3 | 0.2 | 254 | 0.4 | 0.0 | 180.0 | 13 | 295.4 | 0.2 |
| 2/24/10 4:00 | 4.7 | 405 | 8.8 | 0.2 | 11.3 | 357 | 21.5 | 0.4 | 10.9 | 317 | 20.7 | 0.4 | 0.2 | 257 | 0.4 | 0.0 | 170.0 | 13 | 278.0 | 0.2 |
| 2/24/10 4:30 | 4.0 | 405 | 7.4 | 0.2 | 11.3 | 358 | 21.5 | 0.4 | 11.3 | 319 | 21.5 | 0.4 | 0.3 | 260 | 0.5 | 0.0 | 320.0 | 13 | 544.2 | 0.4 |
| 2/24/10 5:00 | 3.9 | 410 | 7.3 | 0.2 | 10.6 | 363 | 20.1 | 0.4 | 9.2 | 324 | 17.4 | 0.3 | 0.2 | 266 | 0.4 | 0.0 | 210.0 | 14 | 347.9 | 0.3 |
| 2/24/10 5:30 | 3.7 | 419 | 6.9 | 0.2 | 8.7 | 373 | 16.4 | 0.3 | 6.6 | 333 | 12.4 | 0.2 | 0.2 | 275 | 0.4 | 0.0 | 86.0 | 14 | 134.8 | 0.1 |
| 2/24/10 6:00 | 3.5 | 419 | 6.5 | 0.2 | 8.9 | 374 | 16.8 | 0.4 | 5.0 | 337 | 9.3 | 0.2 | 0.3 | 280 | 0.5 | 0.0 | 70.0 | 14 | 108.3 | 0.1 |
| 2/24/10 6:30 | 3.9 | 424 | 7.3 | 0.2 | 9.1 | 381 | 17.2 | 0.4 | 5.3 | 344 | 9.9 | 0.2 | 0.3 | 290 | 0.5 | 0.0 | 220.0 | 15 | 365.6 | 0.3 |
| 2/24/10 7:00 | 4.1 | 429 | 7.6 | 0.2 | 8.4 | 389 | 15.9 | 0.3 | 5.5 | 355 | 10.3 | 0.2 | 0.3 | 305 | 0.5 | 0.0 | 380.0 | 16 | 653.2 | 0.6 |
| 2/24/10 7:30 | 3.9 | 429 | 7.3 | 0.2 | 7.6 | 396 | 14.3 | 0.3 | 6.1 | 369 | 11.4 | 0.2 | 0.4 | 327 | 0.7 | 0.0 | 360.0 | 17 | 616.8 | 0.6 |
| 2/24/10 8:00 | 4.7 | 438 | 8.8 | 0.2 | 5.8 | 411 | 10.9 | 0.3 | 6.6 | 388 | 12.4 | 0.3 | 0.4 | 354 | 0.7 | 0.0 | 1150.0 | 18 | 2117.6 | 2.1 |
| 2/24/10 8:30 | 4.3 | 448 | 8.0 | 0.2 | 5.8 | 427 | 10.9 | 0.3 | 8.4 | 409 | 15.9 | 0.4 | 0.3 | 382 | 0.5 | 0.0 | 600.0 | 19 | 1061.1 | 1.2 |
| 2/24/10 9:00 | 4.9 | 458 | 9.2 | 0.2 | 5.4 | 440 | 10.1 | 0.2 | 8.1 | 424 | 15.3 | 0.4 | 0.3 | 401 | 0.5 | 0.0 | 480.0 | 20 | 837.2 | 0.9 |
| 2/24/10 9:30 | 5.8 | 463 | 10.9 | 0.3 | 6.4 | 452 | 12.0 | 0.3 | 5.4 | 442 | 10.1 | 0.3 | 0.3 | 427 | 0.5 | 0.0 | 560.0 | 21 | 986.1 | 1.2 |
| 2/24/10 10:00 | 6.8 | 478 | 12.8 | 0.3 | 7.2 | 471 | 13.6 | 0.4 | 8.6 | 464 | 16.3 | 0.4 | 0.7 | 454 | 1.3 | 0.0 | 1060.0 | 23 | 1942.0 | 2.5 |
| 2/24/10 10:30 | 8.6 | 484 | 16.3 | 0.4 | 9.1 | 481 | 17.2 | 0.5 | 14.7 | 478 | 28.1 | 0.8 | 0.4 | 475 | 0.7 | 0.0 | 180.0 | 24 | 295.4 | 0.4 |
| 2/24/10 11:00 | 9.6 | 499 | 18.2 | 0.5 | 7.3 | 499 | 13.7 | 0.4 | 26.4 | 499 | 51.0 | 1.4 | 0.3 | 500 | 0.5 | 0.0 | 95.0 | 25 | 149.8 | 0.2 |
| 2/24/10 11:30 | 9.2 | 515 | 17.4 | 0.5 | 6.6 | 516 | 12.4 | 0.4 | 30.8 | 516 | 59.7 | 1.7 | 0.3 | 517 | 0.5 | 0.0 | 87.0 | 26 | 136.5 | 0.2 |
| 2/24/10 12:00 | 8.7 | 542 | 16.4 | 0.5 | 10.0 | 541 | 19.0 | 0.6 | 25.2 | 540 | 48.7 | 1.5 | 1.0 | 539 | 1.8 | 0.1 | 140.0 | 27 | 226.2 | 0.3 |
| 2/24/10 12:30 | 11.0 | 576 | 20.9 | 0.7 | 17.8 | 565 | 34.1 | 1.1 | 26.1 | 556 | 50.4 | 1.6 | 0.4 | 543 | 0.7 | 0.0 | 84.0 | 27 | 131.5 | 0.2 |
| 2/24/10 13:00 | 8.2 | 611 | 15.5 | 0.5 | 24.5 | 592 | 47.3 | 1.6 | 20.2 | 576 | 38.8 | 1.3 | 0.5 | 552 | 0.9 | 0.0 | 54.0 | 27 | 82.2 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/24/10 13:30 | 9.3 | 653 | 17.6 | 0.6 | 21.2 | 622 | 40.8 | 1.4 | 10.0 | 596 | 19.0 | 0.6 | 0.6 | 556 | 1.1 | 0.0 | 44.0 | 27 | 66.2 | 0.1 |
| 2/24/10 14:00 | 6.9 | 680 | 13.0 | 0.5 | 21.5 | 641 | 41.4 | 1.5 | 6.6 | 609 | 12.4 | 0.4 | 0.4 | 561 | 0.7 | 0.0 | 68.0 | 28 | 105.0 | 0.2 |
| 2/24/10 14:30 | 7.1 | 714 | 13.4 | 0.5 | 17.8 | 661 | 34.1 | 1.3 | 5.7 | 618 | 10.7 | 0.4 | 0.5 | 552 | 0.9 | 0.0 | 61.0 | 27 | 93.6 | 0.1 |
| 2/24/10 15:00 | 8.0 | 727 | 15.1 | 0.6 | 10.7 | 672 | 20.3 | 0.8 | 5.0 | 626 | 9.3 | 0.3 | 0.3 | 556 | 0.5 | 0.0 | 39.0 | 27 | 58.2 | 0.1 |
| 2/24/10 15:30 | 7.3 | 755 | 13.8 | 0.6 | 7.0 | 690 | 13.2 | 0.5 | 3.9 | 635 | 7.3 | 0.3 | 0.4 | 552 | 0.7 | 0.0 | 35.0 | 27 | 51.9 | 0.1 |
| 2/24/10 16:00 | 7.2 | 770 | 13.5 | 0.6 | 5.8 | 700 | 10.9 | 0.4 | 2.6 | 640 | 4.8 | 0.2 | 0.4 | 552 | 0.7 | 0.0 | 36.0 | 27 | 53.5 | 0.1 |
| 2/24/10 16:30 | 7.0 | 784 | 13.1 | 0.6 | 5.5 | 709 | 10.3 | 0.4 | 2.7 | 646 | 5.0 | 0.2 | 0.6 | 552 | 1.1 | 0.0 | 150.0 | 27 | 243.4 | 0.4 |
| 2/24/10 17:00 | 7.9 | 791 | 14.9 | 0.7 | 4.8 | 714 | 9.0 | 0.4 | 2.8 | 649 | 5.2 | 0.2 | 0.5 | 552 | 0.9 | 0.0 | 75.0 | 27 | 116.6 | 0.2 |
| 2/24/10 17:30 | 13.0 | 791 | 24.8 | 1.1 | 5.0 | 714 | 9.3 | 0.4 | 2.0 | 649 | 3.7 | 0.1 | 0.5 | 552 | 0.9 | 0.0 | 59.0 | 27 | 90.3 | 0.1 |
| 2/24/10 18:00 | 16.0 | 791 | 30.6 | 1.4 | 3.7 | 711 | 6.9 | 0.3 | 1.7 | 644 | 3.1 | 0.1 | 0.3 | 543 | 0.5 | 0.0 | 37.0 | 27 | 55.0 | 0.1 |
| 2/24/10 18:30 | 16.0 | 799 | 30.6 | 1.4 | 3.9 | 718 | 7.3 | 0.3 | 1.7 | 650 | 3.1 | 0.1 | 0.6 | 547 | 1.1 | 0.0 | 41.0 | 27 | 61.4 | 0.1 |
| 2/24/10 19:00 | 14.0 | 799 | 26.7 | 1.2 | 3.6 | 721 | 6.7 | 0.3 | 2.4 | 655 | 4.4 | 0.2 | 0.5 | 556 | 0.9 | 0.0 | 350.0 | 27 | 598.6 | 0.9 |
| 2/24/10 19:30 | 12.0 | 799 | 22.8 | 1.0 | 3.6 | 721 | 6.7 | 0.3 | 3.4 | 655 | 6.3 | 0.2 | 0.7 | 556 | 1.3 | 0.0 | 130.0 | 27 | 209.1 | 0.3 |
| 2/24/10 20:00 | 8.2 | 806 | 15.5 | 0.7 | 3.3 | 731 | 6.1 | 0.3 | 2.6 | 669 | 4.8 | 0.2 | 0.5 | 575 | 0.9 | 0.0 | 350.0 | 28 | 598.6 | 1.0 |
| 2/24/10 20:30 | 5.3 | 828 | 9.9 | 0.5 | 4.4 | 751 | 8.2 | 0.3 | 2.2 | 686 | 4.0 | 0.2 | 0.3 | 588 | 0.5 | 0.0 | 570.0 | 29 | 1004.8 | 1.6 |
| 2/24/10 21:00 | 5.1 | 843 | 9.5 | 0.5 | 4.8 | 769 | 9.0 | 0.4 | 2.7 | 706 | 5.0 | 0.2 | 0.4 | 612 | 0.7 | 0.0 | 1020.0 | 30 | 1864.3 | 3.2 |
| 2/24/10 21:30 | 4.1 | 843 | 7.6 | 0.4 | 4.2 | 778 | 7.8 | 0.3 | 6.1 | 723 | 11.4 | 0.5 | 0.4 | 641 | 0.7 | 0.0 | 550.0 | 31 | 967.4 | 1.7 |
| 2/24/10 22:00 | 4.4 | 859 | 8.2 | 0.4 | 4.8 | 793 | 9.0 | 0.4 | 5.9 | 738 | 11.1 | 0.5 | 0.7 | 656 | 1.3 | 0.0 | 320.0 | 32 | 544.2 | 1.0 |
| 2/24/10 22:30 | 3.6 | 866 | 6.7 | 0.3 | 5.3 | 807 | 9.9 | 0.4 | 10.6 | 756 | 20.1 | 0.9 | 0.4 | 681 | 0.7 | 0.0 | 920.0 | 33 | 1670.7 | 3.1 |
| 2/24/10 23:00 | 4.6 | 874 | 8.6 | 0.4 | 7.2 | 818 | 13.6 | 0.6 | 25.3 | 772 | 48.8 | 2.1 | 0.6 | 702 | 1.1 | 0.0 | 420.0 | 34 | 726.5 | 1.4 |
| 2/24/10 23:30 | 5.0 | 890 | 9.3 | 0.5 | 8.1 | 834 | 15.3 | 0.7 | 28.8 | 787 | 55.8 | 2.5 | 0.5 | 717 | 0.9 | 0.0 | 450.0 | 35 | 781.7 | 1.5 |
| 2/25/10 0:00 | 5.1 | 921 | 9.5 | 0.5 | 12.4 | 857 | 23.6 | 1.1 | 21.7 | 803 | 41.8 | 1.9 | 0.5 | 722 | 0.9 | 0.0 | 150.0 | 35 | 243.4 | 0.5 |
| 2/25/10 0:30 | 4.8 | 929 | 9.0 | 0.5 | 21.5 | 868 | 41.4 | 2.0 | 22.1 | 816 | 42.6 | 2.0 | 0.4 | 738 | 0.7 | 0.0 | 91.0 | 36 | 143.1 | 0.3 |
| 2/25/10 1:00 | 5.5 | 978 | 10.3 | 0.6 | 23.9 | 904 | 46.1 | 2.3 | 22.5 | 842 | 43.3 | 2.1 | 0.5 | 749 | 0.9 | 0.0 | 82.0 | 36 | 128.2 | 0.3 |
| 2/25/10 1:30 | 6.5 | 1012 | 12.2 | 0.7 | 20.9 | 927 | 40.2 | 2.1 | 16.4 | 856 | 31.4 | 1.5 | 0.4 | 749 | 0.7 | 0.0 | 100.0 | 36 | 158.2 | 0.3 |
| 2/25/10 2:00 | 4.9 | 1020 | 9.2 | 0.5 | 21.1 | 933 | 40.6 | 2.1 | 9.8 | 859 | 18.6 | 0.9 | 0.8 | 749 | 1.4 | 0.1 | 65.0 | 36 | 100.1 | 0.2 |
| 2/25/10 2:30 | 5.1 | 1029 | 9.5 | 0.6 | 17.9 | 941 | 34.3 | 1.8 | 8.1 | 866 | 15.3 | 0.7 | 0.4 | 754 | 0.7 | 0.0 | 64.0 | 37 | 98.5 | 0.2 |
| 2/25/10 3:00 | 8.9 | 1058 | 16.8 | 1.0 | 14.0 | 960 | 26.7 | 1.4 | 6.9 | 878 | 13.0 | 0.6 | 0.5 | 754 | 0.9 | 0.0 | 62.0 | 37 | 95.2 | 0.2 |
| 2/25/10 3:30 | 7.1 | 1058 | 13.4 | 0.8 | 9.4 | 962 | 17.8 | 1.0 | 5.1 | 881 | 9.5 | 0.5 | 0.7 | 760 | 1.3 | 0.1 | 45.0 | 37 | 67.8 | 0.1 |
| 2/25/10 4:00 | 12.0 | 1058 | 22.8 | 1.4 | 6.5 | 960 | 12.2 | 0.7 | 3.7 | 878 | 6.9 | 0.3 | 0.3 | 754 | 0.5 | 0.0 | 43.0 | 37 | 64.6 | 0.1 |
| 2/25/10 4:30 | 17.0 | 1067 | 32.6 | 2.0 | 6.1 | 963 | 11.4 | 0.6 | 3.4 | 875 | 6.3 | 0.3 | 0.6 | 744 | 1.1 | 0.0 | 43.0 | 36 | 64.6 | 0.1 |
| 2/25/10 5:00 | 18.0 | 1077 | 34.5 | 2.1 | 5.0 | 971 | 9.3 | 0.5 | 3.6 | 882 | 6.7 | 0.3 | 0.3 | 749 | 0.5 | 0.0 | 55.0 | 36 | 83.9 | 0.2 |
| 2/25/10 5:30 | 17.0 | 1086 | 32.6 | 2.0 | 4.8 | 971 | 9.0 | 0.5 | 4.0 | 874 | 7.4 | 0.4 | 0.4 | 728 | 0.7 | 0.0 | 50.0 | 35 | 75.8 | 0.2 |
| 2/25/10 6:00 | 17.0 | 1077 | 32.6 | 2.0 | 5.0 | 968 | 9.3 | 0.5 | 2.7 | 876 | 5.0 | 0.2 | 0.4 | 738 | 0.7 | 0.0 | 56.0 | 36 | 85.5 | 0.2 |
| 2/25/10 6:30 | 16.0 | 1077 | 30.6 | 1.9 | 5.9 | 964 | 11.1 | 0.6 | 2.5 | 870 | 4.6 | 0.2 | 0.3 | 728 | 0.5 | 0.0 | 51.0 | 35 | 77.4 | 0.2 |
| 2/25/10 7:00 | 12.0 | 1067 | 22.8 | 1.4 | 5.1 | 959 | 9.5 | 0.5 | 2.1 | 869 | 3.9 | 0.2 | 0.4 | 733 | 0.7 | 0.0 | 89.0 | 36 | 139.8 | 0.3 |
| 2/25/10 7:30 | 8.9 | 1077 | 16.8 | 1.0 | 4.0 | 964 | 7.4 | 0.4 | 2.4 | 870 | 4.4 | 0.2 | 0.5 | 728 | 0.9 | 0.0 | 300.0 | 35 | 508.2 | 1.0 |
| 2/25/10 8:00 | 7.4 | 1067 | 13.9 | 0.8 | 4.2 | 954 | 7.8 | 0.4 | 2.6 | 859 | 4.8 | 0.2 | 0.3 | 717 | 0.5 | 0.0 | 200.0 | 35 | 330.4 | 0.6 |
| 2/25/10 8:30 | 5.2 | 1058 | 9.7 | 0.6 | 4.3 | 950 | 8.0 | 0.4 | 2.5 | 859 | 4.6 | 0.2 | 0.4 | 722 | 0.7 | 0.0 | 87.0 | 35 | 136.5 | 0.3 |
| 2/25/10 9:00 | 4.8 | 1086 | 9.0 | 0.5 | 3.8 | 964 | 7.1 | 0.4 | 3.6 | 861 | 6.7 | 0.3 | 0.4 | 707 | 0.7 | 0.0 | 120.0 | 34 | 192.0 | 0.4 |
| 2/25/10 9:30 | 5.4 | 1058 | 10.1 | 0.6 | 3.1 | 943 | 5.7 | 0.3 | 4.8 | 846 | 9.0 | 0.4 | 0.4 | 702 | 0.7 | 0.0 | 54.0 | 34 | 82.2 | 0.2 |
| 2/25/10 10:00 | 5.9 | 1039 | 11.1 | 0.6 | 4.0 | 930 | 7.4 | 0.4 | 8.7 | 839 | 16.4 | 0.8 | 0.3 | 702 | 0.5 | 0.0 | 86.0 | 34 | 134.8 | 0.3 |

| Date & Time | Station 1 Turbidity (FNU) | Station 1 Streamflow ($ft^3/s$) | Station 1 SSC (mg/L) | Station 1 SSL (T) | Station 2 Turbidity (FNU) | Station 2 Streamflow ($ft^3/s$) | Station 2 SSC (mg/L) | Station 2 SSL (T) | Station 3 Turbidity (FNU) | Station 3 Streamflow ($ft^3/s$) | Station 3 SSC (mg/L) | Station 3 SSL (T) | Station 4 Turbidity (FNU) | Station 4 Streamflow ($ft^3/s$) | Station 4 SSC (mg/L) | Station 4 SSL (T) | Station 5 Turbidity (FNU) | Station 5 Streamflow ($ft^3/s$) | Station 5 SSC (mg/L) | Station 5 SSL (T) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/25/10 10:30 | 3.8 | 1029 | 7.1 | 0.4 | 4.1 | 920 | 7.6 | 0.4 | 5.9 | 829 | 11.1 | 0.5 | 0.3 | 691 | 0.5 | 0.0 | 270.0 | 34 | 454.4 | 0.9 |
| 2/25/10 11:00 | 3.0 | 1048 | 5.6 | 0.3 | 6.6 | 935 | 12.4 | 0.7 | 3.7 | 839 | 6.9 | 0.3 | 0.8 | 696 | 1.4 | 0.1 | 93.0 | 34 | 146.5 | 0.3 |
| 2/25/10 11:30 | 3.4 | 1039 | 6.3 | 0.4 | 8.0 | 925 | 15.1 | 0.8 | 3.3 | 829 | 6.1 | 0.3 | 0.2 | 686 | 0.4 | 0.0 | 57.0 | 33 | 87.1 | 0.2 |
| 2/25/10 12:00 | 3.3 | 1020 | 6.1 | 0.4 | 5.8 | 908 | 10.9 | 0.6 | 2.7 | 813 | 5.0 | 0.2 | 0.3 | 671 | 0.5 | 0.0 | 85.0 | 33 | 133.1 | 0.2 |
| 2/25/10 12:30 | 4.2 | 1012 | 7.8 | 0.4 | 4.5 | 903 | 8.4 | 0.4 | 4.7 | 812 | 8.8 | 0.4 | 0.3 | 676 | 0.5 | 0.0 | 48.0 | 33 | 72.6 | 0.1 |
| 2/25/10 13:00 | 2.8 | 995 | 5.2 | 0.3 | 4.3 | 887 | 8.0 | 0.4 | 5.6 | 797 | 10.5 | 0.5 | 0.4 | 661 | 0.7 | 0.0 | 47.0 | 32 | 71.0 | 0.1 |
| 2/25/10 13:30 | 3.5 | 995 | 6.5 | 0.4 | 4.3 | 889 | 8.0 | 0.4 | 3.6 | 800 | 6.7 | 0.3 | 0.3 | 666 | 0.5 | 0.0 | 55.0 | 33 | 83.9 | 0.2 |
| 2/25/10 14:00 | 3.0 | 1003 | 5.6 | 0.3 | 5.9 | 893 | 11.1 | 0.6 | 2.8 | 800 | 5.2 | 0.2 | 0.4 | 661 | 0.7 | 0.0 | 43.0 | 32 | 64.6 | 0.1 |
| 2/25/10 14:30 | 2.9 | 978 | 5.4 | 0.3 | 5.6 | 876 | 10.5 | 0.5 | 2.6 | 790 | 4.8 | 0.2 | 0.3 | 661 | 0.5 | 0.0 | 42.0 | 32 | 63.0 | 0.1 |
| 2/25/10 15:00 | 4.7 | 970 | 8.8 | 0.5 | 4.7 | 869 | 8.8 | 0.4 | 1.9 | 784 | 3.5 | 0.2 | 0.3 | 656 | 0.5 | 0.0 | 32.0 | 32 | 47.2 | 0.1 |
| 2/25/10 15:30 | 5.0 | 970 | 9.3 | 0.5 | 4.3 | 867 | 8.0 | 0.4 | 1.8 | 781 | 3.3 | 0.1 | 0.2 | 651 | 0.4 | 0.0 | 32.0 | 32 | 47.2 | 0.1 |
| 2/25/10 16:00 | 5.3 | 962 | 9.9 | 0.5 | 3.7 | 860 | 6.9 | 0.3 | 2.0 | 774 | 3.7 | 0.2 | 0.2 | 646 | 0.4 | 0.0 | 30.0 | 32 | 44.0 | 0.1 |
| 2/25/10 16:30 | 3.9 | 962 | 7.3 | 0.4 | 3.4 | 860 | 6.3 | 0.3 | 1.8 | 774 | 3.3 | 0.1 | 0.3 | 646 | 0.5 | 0.0 | 28.0 | 32 | 40.9 | 0.1 |
| 2/25/10 17:00 | 3.6 | 945 | 6.7 | 0.4 | 6.6 | 847 | 12.4 | 0.6 | 1.5 | 765 | 2.7 | 0.1 | 0.4 | 641 | 0.7 | 0.0 | 28.0 | 31 | 40.9 | 0.1 |
| 2/25/10 17:30 | 3.0 | 945 | 5.6 | 0.3 | 3.5 | 844 | 6.5 | 0.3 | 1.9 | 759 | 3.5 | 0.1 | 0.3 | 631 | 0.5 | 0.0 | 26.0 | 31 | 37.8 | 0.1 |
| 2/25/10 18:00 | 3.7 | 945 | 6.9 | 0.4 | 3.1 | 843 | 5.7 | 0.3 | 1.2 | 756 | 2.2 | 0.1 | 0.2 | 626 | 0.4 | 0.0 | 28.0 | 31 | 40.9 | 0.1 |
| 2/25/10 18:30 | 3.9 | 929 | 7.3 | 0.4 | 3.2 | 829 | 5.9 | 0.3 | 1.5 | 744 | 2.7 | 0.1 | 0.4 | 617 | 0.7 | 0.0 | 28.0 | 30 | 40.9 | 0.1 |
| 2/25/10 19:00 | 3.5 | 929 | 6.5 | 0.3 | 3.7 | 832 | 6.9 | 0.3 | 1.2 | 750 | 2.2 | 0.1 | 0.2 | 626 | 0.4 | 0.0 | 25.0 | 31 | 36.3 | 0.1 |
| 2/25/10 19:30 | 3.3 | 921 | 6.1 | 0.3 | 2.8 | 823 | 5.2 | 0.2 | 1.2 | 741 | 2.2 | 0.1 | 0.3 | 617 | 0.5 | 0.0 | 25.0 | 30 | 36.3 | 0.1 |
| 2/25/10 20:00 | 2.7 | 913 | 5.0 | 0.3 | 2.6 | 818 | 4.8 | 0.2 | 1.2 | 737 | 2.2 | 0.1 | 0.3 | 617 | 0.5 | 0.0 | 26.0 | 30 | 37.8 | 0.1 |
| 2/25/10 20:30 | 2.5 | 905 | 4.6 | 0.2 | 2.9 | 811 | 5.4 | 0.2 | 1.0 | 731 | 1.8 | 0.1 | 0.4 | 612 | 0.7 | 0.0 | 24.0 | 30 | 34.8 | 0.1 |
| 2/25/10 21:00 | 2.3 | 905 | 4.2 | 0.2 | 2.8 | 808 | 5.2 | 0.2 | 1.1 | 726 | 2.0 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 24.0 | 30 | 34.8 | 0.1 |
| 2/25/10 21:30 | 2.3 | 897 | 4.2 | 0.2 | 4.5 | 805 | 8.4 | 0.4 | 2.7 | 728 | 5.0 | 0.2 | 0.3 | 612 | 0.5 | 0.0 | 26.0 | 30 | 37.8 | 0.1 |
| 2/25/10 22:00 | 2.2 | 897 | 4.0 | 0.2 | 2.6 | 799 | 4.8 | 0.2 | 1.0 | 717 | 1.8 | 0.1 | 0.2 | 593 | 0.4 | 0.0 | 38.0 | 29 | 56.6 | 0.1 |
| 2/25/10 22:30 | 2.1 | 897 | 3.9 | 0.2 | 2.6 | 801 | 4.8 | 0.2 | 1.4 | 720 | 2.6 | 0.1 | 0.6 | 598 | 1.1 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/25/10 23:00 | 2.0 | 897 | 3.7 | 0.2 | 2.7 | 801 | 5.0 | 0.2 | 1.5 | 720 | 2.7 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/25/10 23:30 | 2.5 | 882 | 4.6 | 0.2 | 3.7 | 790 | 6.9 | 0.3 | 1.3 | 713 | 2.4 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 25.0 | 29 | 36.3 | 0.1 |
| 2/26/10 0:00 | 1.9 | 897 | 3.5 | 0.2 | 2.9 | 799 | 5.4 | 0.2 | 1.2 | 717 | 2.2 | 0.1 | 0.2 | 593 | 0.4 | 0.0 | 29.0 | 29 | 42.5 | 0.1 |
| 2/26/10 0:30 | 1.7 | 874 | 3.1 | 0.2 | 2.9 | 784 | 5.4 | 0.2 | 1.4 | 707 | 2.6 | 0.1 | 0.2 | 593 | 0.4 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/26/10 1:00 | 1.5 | 882 | 2.7 | 0.1 | 2.5 | 789 | 4.6 | 0.2 | 0.9 | 711 | 1.6 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 35.0 | 29 | 51.9 | 0.1 |
| 2/26/10 1:30 | 1.8 | 859 | 3.3 | 0.2 | 2.8 | 772 | 5.2 | 0.2 | 1.0 | 698 | 1.8 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 91.0 | 29 | 143.1 | 0.2 |
| 2/26/10 2:00 | 1.7 | 874 | 3.1 | 0.2 | 3.1 | 782 | 5.7 | 0.3 | 1.0 | 705 | 1.8 | 0.1 | 0.2 | 588 | 0.4 | 0.0 | 56.0 | 29 | 85.5 | 0.1 |
| 2/26/10 2:30 | 2.0 | 859 | 3.7 | 0.2 | 3.3 | 772 | 6.1 | 0.3 | 1.5 | 698 | 2.7 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 28.0 | 29 | 40.9 | 0.1 |
| 2/26/10 3:00 | 3.0 | 874 | 5.6 | 0.3 | 2.8 | 781 | 5.2 | 0.2 | 5.3 | 702 | 9.9 | 0.4 | 0.3 | 584 | 0.5 | 0.0 | 25.0 | 29 | 36.3 | 0.1 |
| 2/26/10 3:30 | 1.6 | 866 | 2.9 | 0.1 | 2.6 | 775 | 4.8 | 0.2 | 1.5 | 699 | 2.7 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 32.0 | 29 | 47.2 | 0.1 |
| 2/26/10 4:00 | 2.3 | 859 | 4.2 | 0.2 | 3.0 | 770 | 5.6 | 0.2 | 2.2 | 696 | 4.0 | 0.2 | 0.3 | 584 | 0.5 | 0.0 | 49.0 | 29 | 74.2 | 0.1 |
| 2/26/10 4:30 | 1.6 | 866 | 2.9 | 0.1 | 2.7 | 772 | 5.0 | 0.2 | 3.0 | 693 | 5.6 | 0.2 | 0.3 | 575 | 0.5 | 0.0 | 38.0 | 28 | 56.6 | 0.1 |
| 2/26/10 5:00 | 1.6 | 859 | 2.9 | 0.1 | 3.3 | 767 | 6.1 | 0.3 | 1.7 | 690 | 3.1 | 0.1 | 0.2 | 575 | 0.4 | 0.0 | 28.0 | 28 | 40.9 | 0.1 |
| 2/26/10 5:30 | 1.6 | 859 | 2.9 | 0.1 | 3.4 | 767 | 6.3 | 0.3 | 1.4 | 690 | 2.6 | 0.1 | 0.4 | 575 | 0.7 | 0.0 | 33.0 | 28 | 48.7 | 0.1 |
| 2/26/10 6:00 | 2.6 | 851 | 4.8 | 0.2 | 3.7 | 759 | 6.9 | 0.3 | 1.4 | 682 | 2.6 | 0.1 | 0.4 | 565 | 0.7 | 0.0 | 41.0 | 28 | 61.4 | 0.1 |
| 2/26/10 6:30 | 1.9 | 859 | 3.5 | 0.2 | 2.9 | 764 | 5.4 | 0.2 | 1.8 | 685 | 3.3 | 0.1 | 0.2 | 565 | 0.4 | 0.0 | 65.0 | 28 | 100.1 | 0.2 |
| 2/26/10 7:00 | 1.8 | 836 | 3.3 | 0.2 | 3.1 | 750 | 5.7 | 0.2 | 2.8 | 678 | 5.2 | 0.2 | 0.4 | 570 | 0.7 | 0.0 | 44.0 | 28 | 66.2 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/26/10 7:30 | 1.5 | 851 | 2.7 | 0.1 | 2.8 | 759 | 5.2 | 0.2 | 1.2 | 682 | 2.2 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 30.0 | 28 | 44.0 | 0.1 |
| 2/26/10 8:00 | 1.8 | 836 | 3.3 | 0.2 | 3.5 | 750 | 6.5 | 0.3 | 1.4 | 678 | 2.6 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 30.0 | 28 | 44.0 | 0.1 |
| 2/26/10 8:30 | 1.6 | 843 | 2.9 | 0.1 | 3.1 | 754 | 5.7 | 0.2 | 1.4 | 678 | 2.6 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 37.0 | 28 | 55.0 | 0.1 |
| 2/26/10 9:00 | 1.6 | 836 | 2.9 | 0.1 | 3.0 | 749 | 5.6 | 0.2 | 1.7 | 675 | 3.1 | 0.1 | 0.4 | 565 | 0.7 | 0.0 | 24.0 | 28 | 34.8 | 0.1 |
| 2/26/10 9:30 | 1.9 | 836 | 3.5 | 0.2 | 3.2 | 747 | 5.9 | 0.2 | 2.0 | 673 | 3.7 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 31.0 | 28 | 45.6 | 0.1 |
| 2/26/10 10:00 | 2.0 | 836 | 3.7 | 0.2 | 3.1 | 747 | 5.7 | 0.2 | 1.7 | 673 | 3.1 | 0.1 | 0.6 | 561 | 1.1 | 0.0 | 34.0 | 28 | 50.3 | 0.1 |
| 2/26/10 10:30 | 2.2 | 821 | 4.0 | 0.2 | 3.4 | 739 | 6.3 | 0.3 | 1.2 | 669 | 2.2 | 0.1 | 0.2 | 565 | 0.4 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |
| 2/26/10 11:00 | 2.1 | 828 | 3.9 | 0.2 | 3.1 | 742 | 5.7 | 0.2 | 1.2 | 670 | 2.2 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 25.0 | 28 | 36.3 | 0.1 |
| 2/26/10 11:30 | 1.8 | 828 | 3.3 | 0.2 | 3.2 | 744 | 5.9 | 0.2 | 1.3 | 672 | 2.4 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 27.0 | 28 | 39.4 | 0.1 |
| 2/26/10 12:00 | 2.5 | 828 | 4.6 | 0.2 | 2.9 | 742 | 5.4 | 0.2 | 1.0 | 670 | 1.8 | 0.1 | 0.2 | 561 | 0.4 | 0.0 | 30.0 | 28 | 44.0 | 0.1 |
| 2/26/10 12:30 | 1.5 | 828 | 2.7 | 0.1 | 2.8 | 739 | 5.2 | 0.2 | 1.2 | 664 | 2.2 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 50.0 | 27 | 75.8 | 0.1 |
| 2/26/10 13:00 | 2.4 | 821 | 4.4 | 0.2 | 2.9 | 736 | 5.4 | 0.2 | 1.2 | 664 | 2.2 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 31.0 | 27 | 45.6 | 0.1 |
| 2/26/10 13:30 | 1.8 | 821 | 3.3 | 0.2 | 2.9 | 736 | 5.4 | 0.2 | 1.0 | 664 | 1.8 | 0.1 | 0.2 | 556 | 0.4 | 0.0 | 25.0 | 27 | 36.3 | 0.1 |
| 2/26/10 14:00 | 1.7 | 821 | 3.1 | 0.1 | 3.0 | 734 | 5.6 | 0.2 | 0.9 | 661 | 1.6 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 26.0 | 27 | 37.8 | 0.1 |
| 2/26/10 14:30 | 2.0 | 821 | 3.7 | 0.2 | 3.5 | 733 | 6.5 | 0.3 | 1.0 | 659 | 1.8 | 0.1 | 0.4 | 547 | 0.7 | 0.0 | 35.0 | 27 | 51.9 | 0.1 |
| 2/26/10 15:00 | 1.7 | 799 | 3.1 | 0.1 | 2.6 | 719 | 4.8 | 0.2 | 1.2 | 652 | 2.2 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 95.0 | 27 | 149.8 | 0.2 |
| 2/26/10 15:30 | 1.9 | 806 | 3.5 | 0.2 | 3.0 | 723 | 5.6 | 0.2 | 1.3 | 653 | 2.4 | 0.1 | 0.2 | 547 | 0.4 | 0.0 | 31.0 | 27 | 45.6 | 0.1 |
| 2/26/10 16:00 | 1.9 | 813 | 3.5 | 0.2 | 2.8 | 729 | 5.2 | 0.2 | 1.0 | 658 | 1.8 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 40.0 | 27 | 59.8 | 0.1 |
| 2/26/10 16:30 | 1.8 | 806 | 3.3 | 0.1 | 2.8 | 723 | 5.2 | 0.2 | 0.9 | 653 | 1.6 | 0.1 | 0.3 | 547 | 0.5 | 0.0 | 26.0 | 27 | 37.8 | 0.1 |
| 2/26/10 17:00 | 1.7 | 806 | 3.1 | 0.1 | 2.9 | 724 | 5.4 | 0.2 | 0.9 | 655 | 1.6 | 0.1 | 0.4 | 552 | 0.7 | 0.0 | 18.0 | 27 | 25.6 | 0.0 |
| 2/26/10 17:30 | 1.7 | 813 | 3.1 | 0.1 | 2.7 | 731 | 5.0 | 0.2 | 1.9 | 661 | 3.5 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 21.0 | 27 | 30.2 | 0.0 |
| 2/26/10 18:00 | 2.0 | 806 | 3.7 | 0.2 | 2.7 | 724 | 5.0 | 0.2 | 1.8 | 655 | 3.3 | 0.1 | 0.3 | 552 | 0.5 | 0.0 | 38.0 | 27 | 56.6 | 0.1 |
| 2/26/10 18:30 | 1.6 | 791 | 2.9 | 0.1 | 2.9 | 716 | 5.4 | 0.2 | 1.5 | 652 | 2.7 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 61.0 | 27 | 93.6 | 0.1 |
| 2/26/10 19:00 | 1.5 | 791 | 2.7 | 0.1 | 2.9 | 716 | 5.4 | 0.2 | 2.2 | 652 | 4.0 | 0.1 | 0.3 | 556 | 0.5 | 0.0 | 96.0 | 27 | 151.5 | 0.2 |
| 2/26/10 19:30 | 1.9 | 799 | 3.5 | 0.2 | 3.6 | 722 | 6.7 | 0.3 | 1.4 | 658 | 2.6 | 0.1 | 0.3 | 561 | 0.5 | 0.0 | 33.0 | 28 | 48.7 | 0.1 |
| 2/26/10 20:00 | 1.9 | 799 | 3.5 | 0.2 | 3.1 | 722 | 5.7 | 0.2 | 1.7 | 658 | 3.1 | 0.1 | 0.2 | 561 | 0.4 | 0.0 | 23.0 | 28 | 33.2 | 0.1 |
| 2/26/10 20:30 | 1.4 | 806 | 2.6 | 0.1 | 3.3 | 731 | 6.1 | 0.3 | 1.7 | 669 | 3.1 | 0.1 | 0.2 | 575 | 0.4 | 0.0 | 21.0 | 28 | 30.2 | 0.0 |
| 2/26/10 21:00 | 1.4 | 799 | 2.6 | 0.1 | 2.9 | 729 | 5.4 | 0.2 | 1.5 | 671 | 2.7 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 2/26/10 21:30 | 2.0 | 791 | 3.7 | 0.2 | 2.6 | 724 | 4.8 | 0.2 | 2.6 | 668 | 4.8 | 0.2 | 0.4 | 584 | 0.7 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 2/26/10 22:00 | 1.5 | 799 | 2.7 | 0.1 | 3.0 | 732 | 5.6 | 0.2 | 2.2 | 677 | 4.0 | 0.2 | 0.4 | 593 | 0.7 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 2/26/10 22:30 | 1.6 | 806 | 2.9 | 0.1 | 3.2 | 737 | 5.9 | 0.2 | 1.2 | 680 | 2.2 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 31.0 | 29 | 45.6 | 0.1 |
| 2/26/10 23:00 | 1.5 | 806 | 2.7 | 0.1 | 3.7 | 739 | 6.9 | 0.3 | 0.9 | 682 | 1.6 | 0.1 | 0.3 | 598 | 0.5 | 0.0 | 71.0 | 29 | 110.0 | 0.2 |
| 2/26/10 23:30 | 1.6 | 813 | 2.9 | 0.1 | 3.6 | 745 | 6.7 | 0.3 | 1.0 | 688 | 1.8 | 0.1 | 0.2 | 602 | 0.4 | 0.0 | 92.0 | 30 | 144.8 | 0.2 |
| 2/27/10 0:00 | 2.4 | 813 | 4.4 | 0.2 | 3.1 | 745 | 5.7 | 0.2 | 0.7 | 688 | 1.3 | 0.0 | 0.3 | 602 | 0.5 | 0.0 | 37.0 | 30 | 55.0 | 0.1 |
| 2/27/10 0:30 | 2.1 | 813 | 3.9 | 0.2 | 3.1 | 745 | 5.7 | 0.2 | 1.8 | 688 | 3.3 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 21.0 | 30 | 30.2 | 0.1 |
| 2/27/10 1:00 | 2.0 | 828 | 3.7 | 0.2 | 2.8 | 756 | 5.2 | 0.2 | 1.0 | 694 | 1.8 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 20.0 | 30 | 28.6 | 0.0 |
| 2/27/10 1:30 | 1.4 | 828 | 2.6 | 0.1 | 3.4 | 757 | 6.3 | 0.3 | 1.8 | 697 | 3.3 | 0.1 | 0.3 | 607 | 0.5 | 0.0 | 20.0 | 30 | 28.6 | 0.0 |
| 2/27/10 2:00 | 2.0 | 821 | 3.7 | 0.2 | 2.9 | 751 | 5.4 | 0.2 | 2.8 | 691 | 5.2 | 0.2 | 0.3 | 602 | 0.5 | 0.0 | 17.0 | 30 | 24.1 | 0.0 |
| 2/27/10 2:30 | 1.3 | 828 | 2.4 | 0.1 | 3.0 | 754 | 5.6 | 0.2 | 1.9 | 692 | 3.5 | 0.1 | 0.6 | 598 | 1.1 | 0.0 | 14.0 | 29 | 19.6 | 0.0 |
| 2/27/10 3:00 | 1.5 | 828 | 2.7 | 0.1 | 3.2 | 754 | 5.9 | 0.3 | 1.4 | 692 | 2.6 | 0.1 | 0.4 | 598 | 0.7 | 0.0 | 15.0 | 29 | 21.1 | 0.0 |
| 2/27/10 3:30 | 2.5 | 828 | 4.6 | 0.2 | 4.0 | 756 | 7.4 | 0.3 | 1.1 | 694 | 2.0 | 0.1 | 0.2 | 602 | 0.4 | 0.0 | 51.0 | 30 | 77.4 | 0.1 |
| 2/27/10 4:00 | 1.9 | 821 | 3.5 | 0.2 | 3.6 | 751 | 6.7 | 0.3 | 1.2 | 691 | 2.2 | 0.1 | 0.3 | 602 | 0.5 | 0.0 | 28.0 | 30 | 40.9 | 0.1 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/27/10 4:30 | 3.4 | 821 | 6.3 | 0.3 | 3.0 | 749 | 5.6 | 0.2 | 0.7 | 689 | 1.3 | 0.0 | 0.3 | 598 | 0.5 | 0.0 | 21.0 | 29 | 30.2 | 0.0 |
| 2/27/10 5:00 | 2.0 | 821 | 3.7 | 0.2 | 2.8 | 751 | 5.2 | 0.2 | 0.7 | 691 | 1.3 | 0.0 | 0.3 | 602 | 0.5 | 0.0 | 19.0 | 30 | 27.1 | 0.0 |
| 2/27/10 5:30 | 1.9 | 821 | 3.5 | 0.2 | 2.7 | 751 | 5.0 | 0.2 | 0.6 | 691 | 1.1 | 0.0 | 0.4 | 602 | 0.7 | 0.0 | 21.0 | 30 | 30.2 | 0.1 |
| 2/27/10 6:00 | 1.4 | 821 | 2.6 | 0.1 | 2.7 | 747 | 5.0 | 0.2 | 1.0 | 686 | 1.8 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 16.0 | 29 | 22.6 | 0.0 |
| 2/27/10 6:30 | 1.4 | 821 | 2.6 | 0.1 | 2.7 | 747 | 5.0 | 0.2 | 1.0 | 686 | 1.8 | 0.1 | 0.3 | 593 | 0.5 | 0.0 | 18.0 | 29 | 25.6 | 0.0 |
| 2/27/10 7:00 | 2.4 | 821 | 4.4 | 0.2 | 2.8 | 747 | 5.2 | 0.2 | 0.9 | 686 | 1.6 | 0.1 | 0.4 | 593 | 0.7 | 0.0 | 17.0 | 29 | 24.1 | 0.0 |
| 2/27/10 7:30 | 1.9 | 813 | 3.5 | 0.2 | 3.0 | 741 | 5.6 | 0.2 | 1.4 | 680 | 2.6 | 0.1 | 0.3 | 588 | 0.5 | 0.0 | 17.0 | 29 | 24.1 | 0.0 |
| 2/27/10 8:00 | 2.0 | 813 | 3.7 | 0.2 | 2.6 | 741 | 4.8 | 0.2 | 0.8 | 680 | 1.4 | 0.1 | 0.5 | 588 | 0.9 | 0.0 | 19.0 | 29 | 27.1 | 0.0 |
| 2/27/10 8:30 | 2.4 | 813 | 4.4 | 0.2 | 2.7 | 739 | 5.0 | 0.2 | 1.7 | 677 | 3.1 | 0.1 | 0.3 | 584 | 0.5 | 0.0 | 17.0 | 29 | 24.1 | 0.0 |
| 2/27/10 9:00 | 1.8 | 813 | 3.3 | 0.2 | 3.2 | 738 | 5.9 | 0.2 | 0.7 | 674 | 1.3 | 0.0 | 0.3 | 579 | 0.5 | 0.0 | 15.0 | 29 | 21.1 | 0.0 |
| 2/27/10 9:30 | 1.5 | 813 | 2.7 | 0.1 | 2.3 | 738 | 4.2 | 0.2 | 1.2 | 674 | 2.2 | 0.1 | 0.8 | 579 | 1.4 | 0.0 | 13.0 | 29 | 18.1 | 0.0 |
| 2/27/10 10:00 | 1.5 | 813 | 2.7 | 0.1 | 2.5 | 736 | 4.6 | 0.2 | 0.6 | 672 | 1.1 | 0.0 | 0.4 | 575 | 0.7 | 0.0 | 13.0 | 28 | 18.1 | 0.0 |
| 2/27/10 10:30 | 1.2 | 799 | 2.2 | 0.1 | 2.5 | 728 | 4.6 | 0.2 | 0.8 | 668 | 1.4 | 0.1 | 0.2 | 579 | 0.4 | 0.0 | 11.0 | 29 | 15.2 | 0.0 |
| 2/27/10 11:00 | 1.3 | 799 | 2.4 | 0.1 | 2.4 | 725 | 4.4 | 0.2 | 1.0 | 663 | 1.8 | 0.1 | 0.3 | 570 | 0.5 | 0.0 | 14.0 | 28 | 19.6 | 0.0 |
| 2/27/10 11:30 | 1.2 | 799 | 2.2 | 0.1 | 2.3 | 726 | 4.2 | 0.2 | 0.6 | 666 | 1.1 | 0.0 | 0.3 | 575 | 0.5 | 0.0 | 13.0 | 28 | 18.1 | 0.0 |
| 2/27/10 12:00 | 1.2 | 791 | 2.2 | 0.1 | 2.2 | 720 | 4.0 | 0.2 | 0.6 | 660 | 1.1 | 0.0 | 0.3 | 570 | 0.5 | 0.0 | 10.0 | 28 | 13.7 | 0.0 |
| 2/27/10 12:30 | 1.3 | 799 | 2.4 | 0.1 | 2.6 | 724 | 4.8 | 0.2 | 0.9 | 660 | 1.6 | 0.1 | 0.3 | 565 | 0.5 | 0.0 | 12.0 | 28 | 16.6 | 0.0 |
| 2/27/10 13:00 | 2.0 | 799 | 3.7 | 0.2 | 2.2 | 722 | 4.0 | 0.2 | 0.7 | 658 | 1.3 | 0.0 | 0.3 | 561 | 0.5 | 0.0 | 13.0 | 28 | 18.1 | 0.0 |
| 2/27/10 13:30 | 1.4 | 799 | 2.6 | 0.1 | 2.5 | 722 | 4.6 | 0.2 | 1.5 | 658 | 2.7 | 0.1 | 0.5 | 561 | 0.9 | 0.0 | 16.0 | 28 | 22.6 | 0.0 |
| 2/27/10 14:00 | 1.1 | 784 | 2.0 | 0.1 | 2.4 | 711 | 4.4 | 0.2 | 0.4 | 649 | 0.7 | 0.0 | 0.3 | 556 | 0.5 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 14:30 | 1.1 | 784 | 2.0 | 0.1 | 2.3 | 709 | 4.2 | 0.2 | 0.4 | 646 | 0.7 | 0.0 | 0.3 | 552 | 0.5 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 15:00 | 1.1 | 784 | 2.0 | 0.1 | 2.5 | 711 | 4.6 | 0.2 | 0.5 | 649 | 0.9 | 0.0 | 0.3 | 556 | 0.5 | 0.0 | 11.0 | 27 | 15.2 | 0.0 |
| 2/27/10 15:30 | 1.2 | 770 | 2.2 | 0.1 | 2.2 | 700 | 4.0 | 0.2 | 0.4 | 640 | 0.7 | 0.0 | 0.2 | 552 | 0.4 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 16:00 | 1.2 | 777 | 2.2 | 0.1 | 2.3 | 703 | 4.2 | 0.2 | 0.5 | 641 | 0.9 | 0.0 | 0.4 | 547 | 0.7 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 16:30 | 1.1 | 777 | 2.0 | 0.1 | 2.7 | 702 | 5.0 | 0.2 | 0.6 | 638 | 1.1 | 0.0 | 0.3 | 543 | 0.5 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 17:00 | 1.4 | 777 | 2.6 | 0.1 | 3.1 | 700 | 5.7 | 0.2 | 0.7 | 635 | 1.3 | 0.0 | 0.3 | 539 | 0.5 | 0.0 | 10.0 | 27 | 13.7 | 0.0 |
| 2/27/10 17:30 | 1.1 | 762 | 2.0 | 0.1 | 2.4 | 692 | 4.4 | 0.2 | 0.6 | 632 | 1.1 | 0.0 | 0.3 | 543 | 0.5 | 0.0 | 10.0 | 27 | 13.7 | 0.0 |
| 2/27/10 18:00 | 1.3 | 762 | 2.4 | 0.1 | 2.3 | 692 | 4.2 | 0.2 | 0.6 | 632 | 1.1 | 0.0 | 0.3 | 543 | 0.5 | 0.0 | 12.0 | 27 | 16.6 | 0.0 |
| 2/27/10 18:30 | 1.0 | 762 | 1.8 | 0.1 | 2.3 | 689 | 4.2 | 0.2 | 0.5 | 627 | 0.9 | 0.0 | 0.5 | 534 | 0.9 | 0.0 | 9.8 | 26 | 13.4 | 0.0 |
| 2/27/10 19:00 | 1.3 | 762 | 2.4 | 0.1 | 2.4 | 688 | 4.4 | 0.2 | 0.7 | 624 | 1.3 | 0.0 | 0.3 | 530 | 0.5 | 0.0 | 9.8 | 26 | 13.4 | 0.0 |
| 2/27/10 19:30 | 1.2 | 762 | 2.2 | 0.1 | 2.5 | 688 | 4.6 | 0.2 | 0.7 | 624 | 1.3 | 0.0 | 0.2 | 530 | 0.4 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 2/27/10 20:00 | 1.1 | 748 | 2.0 | 0.1 | 2.5 | 675 | 4.6 | 0.2 | 1.4 | 613 | 2.6 | 0.1 | 0.2 | 521 | 0.4 | 0.0 | 11.0 | 26 | 15.2 | 0.0 |
| 2/27/10 20:30 | 1.4 | 748 | 2.6 | 0.1 | 2.4 | 677 | 4.4 | 0.2 | 0.7 | 616 | 1.3 | 0.0 | 0.3 | 525 | 0.5 | 0.0 | 12.0 | 26 | 16.6 | 0.0 |
| 2/27/10 21:00 | 1.1 | 748 | 2.0 | 0.1 | 2.5 | 672 | 4.6 | 0.2 | 0.7 | 608 | 1.3 | 0.0 | 0.3 | 512 | 0.5 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 2/27/10 21:30 | 0.9 | 748 | 1.6 | 0.1 | 2.4 | 674 | 4.4 | 0.2 | 0.3 | 611 | 0.5 | 0.0 | 0.2 | 517 | 0.4 | 0.0 | 9.8 | 26 | 13.4 | 0.0 |
| 2/27/10 22:00 | 1.4 | 741 | 2.6 | 0.1 | 3.3 | 668 | 6.1 | 0.2 | 0.7 | 606 | 1.3 | 0.0 | 0.3 | 512 | 0.5 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 2/27/10 22:30 | 1.0 | 741 | 1.8 | 0.1 | 2.3 | 668 | 4.2 | 0.2 | 1.3 | 606 | 2.4 | 0.1 | 0.2 | 512 | 0.4 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 2/27/10 23:00 | 1.3 | 734 | 2.4 | 0.1 | 2.5 | 663 | 4.6 | 0.2 | 0.6 | 603 | 1.1 | 0.0 | 0.2 | 512 | 0.4 | 0.0 | 11.0 | 25 | 15.2 | 0.0 |
| 2/27/10 23:30 | 1.5 | 727 | 2.7 | 0.1 | 2.3 | 657 | 4.2 | 0.2 | 0.6 | 597 | 1.1 | 0.0 | 0.3 | 508 | 0.5 | 0.0 | 10.0 | 25 | 13.7 | 0.0 |
| 2/28/10 0:00 | 0.9 | 727 | 1.6 | 0.1 | 2.3 | 654 | 4.2 | 0.2 | 0.5 | 592 | 0.9 | 0.0 | 0.3 | 500 | 0.5 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 2/28/10 0:30 | 1.3 | 727 | 2.4 | 0.1 | 2.3 | 654 | 4.2 | 0.2 | 0.5 | 592 | 0.9 | 0.0 | 0.2 | 500 | 0.4 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |
| 2/28/10 1:00 | 1.1 | 720 | 2.0 | 0.1 | 2.5 | 649 | 4.6 | 0.2 | 0.6 | 589 | 1.1 | 0.0 | 0.2 | 500 | 0.4 | 0.0 | 12.0 | 25 | 16.6 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/28/10 1:30 | 0.9 | 720 | 1.6 | 0.1 | 2.4 | 647 | 4.4 | 0.2 | 0.5 | 584 | 0.9 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 11.0 | 24 | 15.2 | 0.0 |
| 2/28/10 2:00 | 0.9 | 720 | 1.6 | 0.1 | 2.3 | 647 | 4.2 | 0.2 | 0.4 | 584 | 0.7 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 9.6 | 24 | 13.1 | 0.0 |
| 2/28/10 2:30 | 1.6 | 720 | 2.9 | 0.1 | 2.2 | 647 | 4.0 | 0.1 | 0.7 | 584 | 1.3 | 0.0 | 0.3 | 491 | 0.5 | 0.0 | 9.4 | 24 | 12.8 | 0.0 |
| 2/28/10 3:00 | 1.9 | 707 | 3.5 | 0.1 | 2.5 | 637 | 4.6 | 0.2 | 0.4 | 579 | 0.7 | 0.0 | 2.8 | 491 | 5.2 | 0.1 | 11.0 | 24 | 15.2 | 0.0 |
| 2/28/10 3:30 | 1.4 | 707 | 2.6 | 0.1 | 2.9 | 636 | 5.4 | 0.2 | 0.6 | 576 | 1.1 | 0.0 | 0.3 | 487 | 0.5 | 0.0 | 9.9 | 24 | 13.6 | 0.0 |
| 2/28/10 4:00 | 1.2 | 700 | 2.2 | 0.1 | 2.2 | 630 | 4.0 | 0.1 | 0.3 | 571 | 0.5 | 0.0 | 0.3 | 483 | 0.5 | 0.0 | 9.6 | 24 | 13.1 | 0.0 |
| 2/28/10 4:30 | 1.0 | 707 | 1.8 | 0.1 | 2.3 | 635 | 4.2 | 0.2 | 0.5 | 574 | 0.9 | 0.0 | 0.5 | 483 | 0.9 | 0.0 | 9.5 | 24 | 13.0 | 0.0 |
| 2/28/10 5:00 | 1.1 | 693 | 2.0 | 0.1 | 2.2 | 624 | 4.0 | 0.1 | 0.5 | 566 | 0.9 | 0.0 | 0.7 | 479 | 1.3 | 0.0 | 9.1 | 24 | 12.4 | 0.0 |
| 2/28/10 5:30 | 1.0 | 700 | 1.8 | 0.1 | 3.5 | 629 | 6.5 | 0.2 | 0.4 | 569 | 0.7 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 9.9 | 24 | 13.6 | 0.0 |
| 2/28/10 6:00 | 1.2 | 700 | 2.2 | 0.1 | 2.3 | 629 | 4.2 | 0.1 | 0.4 | 569 | 0.7 | 0.0 | 0.3 | 479 | 0.5 | 0.0 | 9.9 | 24 | 13.6 | 0.0 |
| 2/28/10 6:30 | 2.1 | 686 | 3.9 | 0.1 | 1.5 | 618 | 2.7 | 0.1 | 0.4 | 561 | 0.7 | 0.0 | 0.2 | 475 | 0.4 | 0.0 | 8.5 | 24 | 11.5 | 0.0 |
| 2/28/10 7:00 | 0.9 | 686 | 1.6 | 0.1 | 2.0 | 617 | 3.7 | 0.1 | 0.4 | 558 | 0.7 | 0.0 | 0.2 | 471 | 0.4 | 0.0 | 9.7 | 23 | 13.3 | 0.0 |
| 2/28/10 7:30 | 1.0 | 686 | 1.8 | 0.1 | 1.8 | 617 | 3.3 | 0.1 | 0.9 | 558 | 1.6 | 0.1 | 0.2 | 471 | 0.4 | 0.0 | 8.2 | 23 | 11.1 | 0.0 |
| 2/28/10 8:00 | 2.7 | 680 | 5.0 | 0.2 | 1.8 | 611 | 3.3 | 0.1 | 0.7 | 553 | 1.3 | 0.0 | 0.3 | 467 | 0.5 | 0.0 | 10.0 | 23 | 13.7 | 0.0 |
| 2/28/10 8:30 | 2.0 | 680 | 3.7 | 0.1 | 1.8 | 610 | 3.3 | 0.1 | 0.4 | 551 | 0.7 | 0.0 | 0.3 | 462 | 0.5 | 0.0 | 10.0 | 23 | 13.7 | 0.0 |
| 2/28/10 9:00 | 1.6 | 673 | 2.9 | 0.1 | 1.5 | 605 | 2.7 | 0.1 | 0.4 | 548 | 0.7 | 0.0 | 0.2 | 462 | 0.4 | 0.0 | 8.1 | 23 | 11.0 | 0.0 |
| 2/28/10 9:30 | 1.2 | 673 | 2.2 | 0.1 | 1.5 | 604 | 2.7 | 0.1 | 0.4 | 546 | 0.7 | 0.0 | 0.2 | 458 | 0.4 | 0.0 | 7.6 | 23 | 10.2 | 0.0 |
| 2/28/10 10:00 | 0.9 | 667 | 1.6 | 0.1 | 1.6 | 600 | 2.9 | 0.1 | 0.4 | 543 | 0.7 | 0.0 | 0.3 | 458 | 0.5 | 0.0 | 8.3 | 23 | 11.3 | 0.0 |
| 2/28/10 10:30 | 0.9 | 667 | 1.6 | 0.1 | 1.7 | 598 | 3.1 | 0.1 | 0.5 | 541 | 0.9 | 0.0 | 0.4 | 454 | 0.7 | 0.0 | 7.3 | 23 | 9.8 | 0.0 |
| 2/28/10 11:00 | 0.9 | 667 | 1.6 | 0.1 | 1.5 | 598 | 2.7 | 0.1 | 0.4 | 541 | 0.7 | 0.0 | 0.3 | 454 | 0.5 | 0.0 | 7.6 | 23 | 10.2 | 0.0 |
| 2/28/10 11:30 | 1.0 | 667 | 1.8 | 0.1 | 1.7 | 598 | 3.1 | 0.1 | 0.5 | 541 | 0.9 | 0.0 | 0.3 | 454 | 0.5 | 0.0 | 7.1 | 23 | 9.5 | 0.0 |
| 2/28/10 12:00 | 1.1 | 667 | 2.0 | 0.1 | 1.8 | 597 | 3.3 | 0.1 | 0.4 | 538 | 0.7 | 0.0 | 0.8 | 450 | 1.4 | 0.0 | 8.6 | 23 | 11.7 | 0.0 |
| 2/28/10 12:30 | 0.8 | 653 | 1.4 | 0.1 | 1.5 | 587 | 2.7 | 0.1 | 0.4 | 531 | 0.7 | 0.0 | 0.3 | 447 | 0.5 | 0.0 | 8.2 | 22 | 11.1 | 0.0 |
| 2/28/10 13:00 | 1.1 | 660 | 2.0 | 0.1 | 1.7 | 590 | 3.1 | 0.1 | 0.3 | 531 | 0.5 | 0.0 | 0.3 | 443 | 0.5 | 0.0 | 9.1 | 22 | 12.4 | 0.0 |
| 2/28/10 13:30 | 1.0 | 653 | 1.8 | 0.1 | 1.7 | 586 | 3.1 | 0.1 | 0.5 | 528 | 0.9 | 0.0 | 0.2 | 443 | 0.4 | 0.0 | 7.6 | 22 | 10.2 | 0.0 |
| 2/28/10 14:00 | 0.9 | 653 | 1.6 | 0.1 | 1.7 | 584 | 3.1 | 0.1 | 0.5 | 526 | 0.9 | 0.0 | 0.3 | 439 | 0.5 | 0.0 | 8.0 | 22 | 10.8 | 0.0 |
| 2/28/10 14:30 | 0.7 | 647 | 1.3 | 0.0 | 1.4 | 580 | 2.6 | 0.1 | 0.6 | 523 | 1.1 | 0.0 | 0.3 | 439 | 0.5 | 0.0 | 7.9 | 22 | 10.7 | 0.0 |
| 2/28/10 15:00 | 0.8 | 647 | 1.4 | 0.1 | 1.9 | 580 | 3.5 | 0.1 | 0.3 | 523 | 0.5 | 0.0 | 0.2 | 439 | 0.4 | 0.0 | 7.7 | 22 | 10.4 | 0.0 |
| 2/28/10 15:30 | 1.1 | 641 | 2.0 | 0.1 | 1.7 | 576 | 3.1 | 0.1 | 1.9 | 521 | 3.5 | 0.1 | 0.2 | 439 | 0.4 | 0.0 | 8.2 | 22 | 11.1 | 0.0 |
| 2/28/10 16:00 | 1.4 | 647 | 2.6 | 0.1 | 1.7 | 579 | 3.1 | 0.1 | 0.4 | 521 | 0.7 | 0.0 | 0.3 | 435 | 0.5 | 0.0 | 7.9 | 22 | 10.7 | 0.0 |
| 2/28/10 16:30 | 0.8 | 641 | 1.4 | 0.1 | 1.5 | 573 | 2.7 | 0.1 | 0.4 | 516 | 0.7 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 7.3 | 22 | 9.8 | 0.0 |
| 2/28/10 17:00 | 0.9 | 641 | 1.6 | 0.1 | 2.2 | 573 | 4.0 | 0.1 | 0.3 | 516 | 0.5 | 0.0 | 0.3 | 431 | 0.5 | 0.0 | 8.3 | 22 | 11.3 | 0.0 |
| 2/28/10 17:30 | 1.2 | 635 | 2.2 | 0.1 | 1.5 | 568 | 2.7 | 0.1 | 0.4 | 512 | 0.7 | 0.0 | 0.2 | 427 | 0.4 | 0.0 | 7.2 | 21 | 9.7 | 0.0 |
| 2/28/10 18:00 | 0.8 | 629 | 1.4 | 0.1 | 1.5 | 563 | 2.7 | 0.1 | 0.3 | 507 | 0.5 | 0.0 | 0.3 | 423 | 0.5 | 0.0 | 8.0 | 21 | 10.8 | 0.0 |
| 2/28/10 18:30 | 0.9 | 635 | 1.6 | 0.1 | 1.4 | 565 | 2.6 | 0.1 | 0.6 | 507 | 1.1 | 0.0 | 0.4 | 419 | 0.7 | 0.0 | 7.2 | 21 | 9.7 | 0.0 |
| 2/28/10 19:00 | 0.7 | 629 | 1.3 | 0.0 | 2.3 | 560 | 4.2 | 0.1 | 0.4 | 502 | 0.7 | 0.0 | 0.3 | 416 | 0.5 | 0.0 | 7.9 | 21 | 10.7 | 0.0 |
| 2/28/10 19:30 | 0.9 | 629 | 1.6 | 0.1 | 1.8 | 561 | 3.3 | 0.1 | 0.4 | 505 | 0.7 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 8.4 | 21 | 11.4 | 0.0 |
| 2/28/10 20:00 | 0.9 | 629 | 1.6 | 0.1 | 2.2 | 561 | 4.0 | 0.1 | 0.4 | 505 | 0.7 | 0.0 | 0.3 | 419 | 0.5 | 0.0 | 7.8 | 21 | 10.5 | 0.0 |
| 2/28/10 20:30 | 1.3 | 623 | 2.4 | 0.1 | 1.8 | 556 | 3.3 | 0.1 | 0.4 | 500 | 0.7 | 0.0 | 0.4 | 416 | 0.7 | 0.0 | 9.1 | 21 | 12.4 | 0.0 |
| 2/28/10 21:00 | 1.0 | 623 | 1.8 | 0.1 | 1.6 | 555 | 2.9 | 0.1 | 0.7 | 498 | 1.3 | 0.0 | 0.2 | 412 | 0.4 | 0.0 | 7.9 | 21 | 10.7 | 0.0 |
| 2/28/10 21:30 | 1.0 | 617 | 1.8 | 0.1 | 1.4 | 550 | 2.6 | 0.1 | 0.4 | 493 | 0.7 | 0.0 | 0.2 | 408 | 0.4 | 0.0 | 8.3 | 21 | 11.3 | 0.0 |
| 2/28/10 22:00 | 1.0 | 611 | 1.8 | 0.1 | 1.5 | 546 | 2.7 | 0.1 | 0.3 | 491 | 0.5 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 9.1 | 21 | 12.4 | 0.0 |

| Date & Time | Station 1 | | | | Station 2 | | | | Station 3 | | | | Station 4 | | | | Station 5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) | Turbidity (FNU) | Streamflow ($ft^3/s$) | SSC (mg/L) | SSL (T) |
| 2/28/10 22:30 | 0.9 | 617 | 1.6 | 0.1 | 1.7 | 550 | 3.1 | 0.1 | 0.3 | 493 | 0.5 | 0.0 | 0.3 | 408 | 0.5 | 0.0 | 7.4 | 21 | 10.0 | 0.0 |
| 2/28/10 23:00 | 1.2 | 611 | 2.2 | 0.1 | 1.8 | 546 | 3.3 | 0.1 | 1.1 | 491 | 2.0 | 0.1 | 0.3 | 408 | 0.5 | 0.0 | 12.0 | 21 | 16.6 | 0.0 |
| 2/28/10 23:30 | 0.8 | 605 | 1.4 | 0.0 | 1.5 | 540 | 2.7 | 0.1 | 0.6 | 486 | 1.1 | 0.0 | 0.2 | 404 | 0.4 | 0.0 | 7.7 | 20 | 10.4 | 0.0 |
| 3/1/10 0:00 | 1.1 | 599 | 2.0 | 0.1 | 1.5 | 535 | 2.7 | 0.1 | 0.6 | 481 | 1.1 | 0.0 | 0.2 | 401 | 0.4 | 0.0 | 6.9 | 20 | 9.2 | 0.0 |
| **Totals** | | | **3302** | | | | **2509** | | | | **1838** | | | | **312** | | | | **907** | |

## B: GIS Data Set Metadata

### B.1: Landslide Inventory

GIS data set available online:

***http://water.usgs.gov/GIS/dsdl/LNsantiam_LandslideInventory_gdb.zip***

Identification_Information:
  Citation:
    Citation_Information:
      Originator: Steven Sobieszczyk
      Publication_Date: 2010
      Title: Landslide Deposit Boundaries for the Little North Santiam River Basin, Oregon
      Geospatial_Data_Presentation_Form: vector digital data
      Online_Linkage:
      *http://water.usgs.gov/lookup/getspatial?lnsantiam_LandslideInventory*
  Description:
    Abstract:
      This layer is an inventory of existing landslides deposits in the Little North Santiam River Basin, Oregon (2009). Each landslide deposit shown on this map has been classified according to a number of specific characteristics identified at the time recorded in the GIS database. The classification scheme was developed by the Oregon Department of Geology and Mineral Industries (Burns and Madin, 2009). Several significant landslide characteristics recorded in the database are portrayed with symbology on this map. The specific characteristics shown for each landslide are the activity of landsliding, landslide features, deep or shallow failure, type of landslide movement, and confidence of landslide interpretation. These landslide characteristics are determined primarily on the basis of geomorphic features, or landforms, observed for each landslide.
      Data layers in this geodatabase include: landslide deposit boundaries (Deposits); field-verfied location imagery (Photos); head scarp or scarp flanks (Scarp_Flanks); and secondary scarp features (Scarps).The geodatabase template was developed by the Oregon Department of Geology and Mineral Industries (Burns and Madin, 2009).
    Purpose:
      This data set is one of 4 feature data sets included in a basin-wide landslide inventory. The landslide inventory is one of the essential data layers used to delineate regional landslide susceptibility. This landslide inventory is not regulatory, and revisions can happen when new information regarding landslides is found or future (new) landslides occur. Therefore, it is possible that landslides within the map area were not identified or occurred after the map was prepared.
      This landslide inventory is intended to provide users with basic information regarding landslides within the Little North Santiam River Basin. The geologic, terrain, and climatic conditions that led to slope failures in the past may provide clues to the locations and conditions of future slope failures, and it is intended that this map will provide useful information to develop regional landslide susceptibility maps, guide site-specific

investigations for future developments, assist in regional planning, and mitigation of existing landslides.

Supplemental_Information:

This work was completed as part of the Master's thesis "Using Turbidity Monitoring and LiDAR-Derived Imagery to Investigate Sources of Suspended Sediment in the Little North Santiam River Basin, Oregon, Winter 2009–2010" by Steven Sobieszczyk, Portland State University and U.S. Geological Survey.

Citations:

Burns, W.J., and Madin, I.P., 2009, Protocol for inventory mapping of landslide deposits from light detection and ranging (LIDAR) imagery: Oregon Department of Geology and Mineral Industries Special Paper 42, 30 p.

Oregon Department of Geology and Mineral Industries and Watershed Sciences, Inc., 2009, LiDAR of Western Oregon and the Willamette Valley: digital data set courtesy of Ian Madin, available via external hard drive [digital data set]

Oregon Department of Geology and Mineral Industries, 2009, Oregon geologic data compilation: digital data set courtesy of Bill Burns, will be available online at http://ogdc.geos.pdx.edu/ [digital data set]

Time_Period_of_Content:
  Time_Period_Information:
    Single_Date/Time:
      Calendar_Date: 2009
  Currentness_Reference: ground condition
Status:
  Progress: Complete
  Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
  Bounding_Coordinates:
    West_Bounding_Coordinate: -122.583361
    East_Bounding_Coordinate: -122.135924
    North_Bounding_Coordinate: 44.899782
    South_Bounding_Coordinate: 44.776577
Keywords:
  Theme:
    Theme_Keyword_Thesaurus: None
    Theme_Keyword: deposits
    Theme_Keyword: landslide
    Theme_Keyword: inventory
  Place:
    Place_Keyword_Thesaurus: None
    Place_Keyword: Little North Santiam River Basin
    Place_Keyword: Elkhorn
    Place_Keyword: Elkhorn Valley
    Place_Keyword: Marion County
    Place_Keyword: Oregon

Temporal:
Temporal_Keyword_Thesaurus: None
Temporal_Keyword: 2009
Temporal_Keyword: 2010
Access_Constraints: None
Use_Constraints:
None

The U.S. Geological Survey should be acknowledged as the data source in products derived from these data.
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven Sobieszczyk
Contact_Organization: U.S. Geological Survey
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: 503-251-3208
Contact_Facsimile_Telephone: 503-251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Contact_Instructions: Warning: Although accurate at the time of production, this information may have become obsolete. See the Metadata_Reference_Information section for a current contact.
Browse_Graphic:
Browse_Graphic_File_Name:
http://water.usgs.gov/GIS/browse/LNsantiam_LandslideInventory.jpeg
Browse_Graphic_File_Description: Illustration of data set.
Browse_Graphic_File_Type: JPEG
Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.3000
Cross_Reference:
Citation_Information:
Originator: Steven Sobieszczyk
Publication_Date: 2010
Title: Head Scarp Boundary for the Landslides in the Little North Santiam River Basin, Oregon
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage:
http://water.usgs.gov/lookup/getspatial?LNsantiam_LandslideInventory.gdb
Cross_Reference:
Citation_Information:

Originator: Steven Sobieszczyk
Publication_Date: 2010
Title: Top of Head Scarp and Internal Scarps for Landslide Deposits in the Little North Santiam River Basin, Oregon
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: http://water.usgs.gov/lookup/getspatial?LNsantiam_LandslideInventory.gdb
Cross_Reference:
Citation_Information:
Originator: Steven Sobieszczyk
Publication_Date: 2010
Title: Location of Photographs Showing Landslide Features in the Little North Santiam River Basin, Oregon
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: http://water.usgs.gov/lookup/getspatial?LNsantiam_LandslideInventory.gdb
Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report:
Deposits represent feature conditinons mapped from LiDAR data obtained during flights in summer 2009.

CONFIDENCE OF INTERPRETATION: Each landslide should be classified according to a "confidence" that the mapper assigns based on the likelihood that the landslide actually exists. Landslides are mapped on the basis of characteristic morphology, and the confidence of the interpretation is based on the visual strength of the morphologies. As a landslide ages, after its most recent movement, weathering (primarily through erosion) degrades the morphologies produced by landsliding. With time, landslide morphologies may become so subtle that they resemble morphologies produced by geologic processes and conditions unrelated to landsliding.

Some landslides have several different types of morphologies associated with them. A good way to define certainty is through a simple point system associated with these features. The point system used is based on a ranking of four primary landslide features with a ranking of 0 to 10 points per feature. For example, if during mapping, the head scarp and toe of a landslide were identifiable and had very strong visual strength, the mapper would apply 10 points for the head scarp and 10 points for the toe equaling 20 points, which would be associated with a moderate certainty of identification.

Logical_Consistency_Report: Locations were quality-assured by both DOGAMI and USGS personnel for accuracy, completeness, and logical consistency. Snapping and polygon tracing was set during digitizing to avoid overlap.
Completeness_Report: Data are complete.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report: 3 feet
Vertical_Positional_Accuracy:
Vertical_Positional_Accuracy_Report: 6 inches
Lineage:

Source_Information:
Source_Citation:
Citation_Information:
Originator: Burns, W.J., and Madin, I.P.
Publication_Date: 2009
Title: Protocol for Inventory Mapping of Landslide Deposits from Light Detection and Ranging (Lidar) Imagery
Geospatial_Data_Presentation_Form: document
Series_Information:
Series_Name: Special Paper
Issue_Identification: 42
Publication_Information:
Publication_Place: Portland
Publisher: Oregon Department of Geology and Mineral Industries
Type_of_Source_Media: paper
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2009
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: SP42
Source_Contribution: Burns, W.J., and Madin, I.P., 2009, Protocol for inventory mapping of landslide deposits from light detection and ranging (LIDAR) imagery: Oregon Department of Geology and Mineral Industries Special Paper 42, 30 p.
Source_Information:
Source_Citation:
Citation_Information:
Originator: Oregon Department of Geology and Mineral Industries
Publication_Date: 2009
Title: Oregon Geologic Data Compilation
Edition: 5
Geospatial_Data_Presentation_Form: vector digital data
Online_Linkage: http://ogdc.geos.pdx.edu/
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2009
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: DOGAMI GEO
Source_Contribution: Oregon Department of Geology and Mineral Industries, 2009b, Oregon geologic data compilation: digital data set courtesy of Bill Burns, will be available online at http://ogdc.geos.pdx.edu/ [digital data set]
Source_Information:
Source_Citation:
Citation_Information:

Originator: Oregon Department of Geology and Mineral Industries and Watershed Sciences, Inc.
Publication_Date: 2009
Title: LiDAR of Western Oregon and the Willamette Valley
Geospatial_Data_Presentation_Form: raster digital data
Online_Linkage: http://www.oregongeology.org/sub/projects/olc/default.htm
Type_of_Source_Media: hard drive
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2009
Source_Currentness_Reference: ground condition
Source_Citation_Abbreviation: LiDAR
Source_Contribution: Oregon Department of Geology and Mineral Industries and Watershed Sciences, Inc., 2009, LiDAR of Western Oregon and the Willamette Valley: digital data set courtesy of Ian Madin, available via external hard drive [digital data set]
Process_Step:
Process_Description: Acquired 3ft-resolution Light Detection and Ranging (LiDAR) data
Source_Used_Citation_Abbreviation: LiDAR
Process_Date: 2010
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven Sobieszczyk
Contact_Organization: U.S. Geological Survey
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: (503) 251-3208
Contact_Facsimile_Telephone: (503) 251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Process_Step:
Process_Description:
Converted LiDAR digital elevation model (DEM) into a slope raster using Spatial Analyst extension in ArcGIS 9.3.
Source_Used_Citation_Abbreviation: LiDAR
Process_Date: 2010
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven Sobieszczyk

Contact_Organization: U.S. Geological Survey
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: (503) 251-3208
Contact_Facsimile_Telephone: (503) 251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Process_Step:
Process_Description:
Used slopeshade (slope raster: stretched, standard devation 5, "black and white" inverted color) map and 60% transparent DEM as backdrop for identifying landslide deposits. Generated contour lines, as well.
Process_Date: 2010
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven Sobieszczyk
Contact_Organization: U.S. Geological Survey
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: (503) 251-3208
Contact_Facsimile_Telephone: (503) 251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Process_Step:
Process_Description:
Manually digitized landslide features using methods defined in Special Paper 42 (Burns and Madin, 2009).

"The method employed to identify landslide areas in this study uses two kinds of data: 1) spatial data and 2) tabular data. Spatial data are data that can be mapped as points, lines, or polygons. Tabular data are descriptive data, usually in text or numeric form, stored in rows and columns in a database and linked to spatial data. To facilitate data collection, a geodatabase template was developed as part of this protocol. The template includes empty feature classes for deposits, scarp flanks, scarps, and photos. The geodatabase includes relationship classes between the feature classes. The template includes all fields for the tabular data, located in the Deposits feature class. Individual mappers who use this template can then easily transfer their data into a master geodatabase."

Source_Used_Citation_Abbreviation: SP42
Source_Used_Citation_Abbreviation: DOGAMI GEO
Process_Date: 2010
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Steven Sobieszczyk
Contact_Organization: U.S. Geological Survey
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: (503) 251-3208
Contact_Facsimile_Telephone: (503) 251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: G-polygon
Point_and_Vector_Object_Count: 401
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Lambert Conformal Conic
Lambert_Conformal_Conic:
Standard_Parallel: 43.000000
Standard_Parallel: 45.500000
Longitude_of_Central_Meridian: -120.500000
Latitude_of_Projection_Origin: 41.750000
False_Easting: 1312335.958005
False_Northing: 0.000000
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.000328
Ordinate_Resolution: 0.000328
Planar_Distance_Units: international feet
Geodetic_Model:
Horizontal_Datum_Name: D_North_American_1983_HARN

Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Altitude_Datum_Name: North American Vertical Datum of 1988
Altitude_Resolution: 0.000100
Altitude_Distance_Units: feet
Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Deposits
Entity_Type_Definition: Polygonal scarp features identified with landslide deposits. Includes head scarp and flank scarps
Entity_Type_Definition_Source: U.S. Geological Survey
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: SHAPE
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: UNIQUE_ID
Attribute_Definition: Unique ID that relates scarp to mapped landslide deposit.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: TYPE_MOVE
Attribute_Definition: Type of landslide movement.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Fall
Enumerated_Domain_Value_Definition: Fall
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:

Enumerated_Domain_Value: Slide
Enumerated_Domain_Value_Definition: Slide
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Spread
Enumerated_Domain_Value_Definition: Spread
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Flow
Enumerated_Domain_Value_Definition: Flow
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Complex
Enumerated_Domain_Value_Definition: Complex
Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: MOVE_CLASS
Attribute_Definition: Classification of landslide movement.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Earth Flow
Enumerated_Domain_Value_Definition: Composition = earth, movement = flow
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Debris Flow
Enumerated_Domain_Value_Definition: Composition = debris, movement = flow
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Rock Fall
Enumerated_Domain_Value_Definition: Composition = rock, movement = fall
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Earth Slide - Rotational
Enumerated_Domain_Value_Definition: Composition = earth, movement = slide/rotational
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Earth Slide - Translational

Enumerated_Domain_Value_Definition: Composition = earth, movement = slide/translational
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Complex
Enumerated_Domain_Value_Definition: Composition = multiple, movement = multiple
Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: MOVE_CODE
Attribute_Definition: Abbreviated code for landslide movement type.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: RF
Enumerated_Domain_Value_Definition: Rock Fall
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: EFL
Enumerated_Domain_Value_Definition: Earth Flow
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: DFL
Enumerated_Domain_Value_Definition: Debris Flow
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: ES-R
Enumerated_Domain_Value_Definition: Earth Slide - Rotational
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: ES-T
Enumerated_Domain_Value_Definition: Earth Slide - Translational
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: C
Enumerated_Domain_Value_Definition: Complex
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: C-EFL
Enumerated_Domain_Value_Definition: Complex - Earth Flow

Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: GlobalID
Attribute_Definition: ID used in Landslide Inventory geodatabase.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: CONFIDENCE
Attribute_Definition: Mapping confidence of landslide deposit delineation.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: high
Enumerated_Domain_Value_Definition: > 30 points; where: "The point system in this protocol is based on a ranking of four primary landslide features with 0 to 10 points per feature, with zero points for an unidentifiable feature and 10 points for a very clearly identifiable feature. For example, if the head scarp and toe of a landslide were clearly identifiable in the lidar DEM, the mapper would apply 10 points for the head scarp and 10 points for the toe, equaling 20 points, which would be associated with a moderate certainty of identification."
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: moderate
Enumerated_Domain_Value_Definition: 11-29 points
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: low
Enumerated_Domain_Value_Definition: <= 10 points
Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: DATE_MOVE
Attribute_Definition: Date of last movement.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 2009
Range_Domain_Maximum: 2010
Attribute:
Attribute_Label: NAME
Attribute_Definition: Landslide name.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Evans Creek Landslide

Enumerated_Domain_Value_Definition: landslide name
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Bear Trap Slide
Enumerated_Domain_Value_Definition: landslide name
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute:
Attribute_Label: GEOL
Attribute_Definition: Dominate geologic unit where landslide occurred.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Dike, Dike 1, QTg, QTi, Qal, Qau, Qba, Qgf, Qls, Qt, Qyt, Tad, Tb, Tba, Tbp, Tc, To, Tdg, Tds, Tfc, Thg, Ti, Tib, Tib1, Tiha, Tipa, Tis, Tlm, Tmd, Tmv,Tn, Tql, Tr, Trd, Tsa1, Tsa4, Tu, Tum, Tus
Enumerated_Domain_Value_Definition: Lithologies
Enumerated_Domain_Value_Definition_Source: DOGAMI GEO
Attribute:
Attribute_Label: SLOPE
Attribute_Definition: Slope of hillside adjacent to landslide.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 3
Range_Domain_Maximum: 50
Attribute:
Attribute_Label: AGE
Attribute_Definition: Relative age of deposit.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Historic
Enumerated_Domain_Value_Definition: Active movement <150 years: "The landslide appears to be currently moving or to have moved within historic time or historic data has identified the landslide as having moved in the last 150 years. Landslide features generally sharp and clear."
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Prehistoric
Enumerated_Domain_Value_Definition: Ancient movement >150 years: "Landslide features are slightly to strongly eroded or covered with younger deposits. Features may be subdued and indistinct."
Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: FAN_HEIGHT

Attribute_Definition: Thickness of debris flow fan.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 8
Range_Domain_Maximum: 150
Attribute:
Attribute_Label: HS_HEIGHT
Attribute_Definition: Measured head scarp height, in feet.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 8
Range_Domain_Maximum: 800
Attribute:
Attribute_Label: FAIL_DEPTH
Attribute_Definition: Measured depth of landslide, in feet.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 7
Range_Domain_Maximum: 772
Attribute:
Attribute_Label: HS_IS1
Attribute_Definition: Horizontal distance from head scarp to internal scarp 1.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 60
Range_Domain_Maximum: 800
Attribute:
Attribute_Label: IS1_IS2
Attribute_Definition: Horizontal distance from internal scarp 1 to internal scarp 2.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 50
Range_Domain_Maximum: 800
Attribute:
Attribute_Label: IS2_IS3
Attribute_Definition: Horizontal distance from internal scarp 2 to internal scarp 3.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 70
Range_Domain_Maximum: 2000
Attribute:

Attribute_Label: IS3_IS4
Attribute_Definition: Horizontal distance from internal scarp 3 to internal scarp 4.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 130
Range_Domain_Maximum: 360
Attribute:
Attribute_Label: HD_AVE
Attribute_Definition: Average horizontal distance between internal scarps: calculated average horizontal distance between scarps.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 115
Range_Domain_Maximum: 3000
Attribute:
Attribute_Label: DIRECT
Attribute_Definition: Direction of movement.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 337.5
Attribute:
Attribute_Label: AREA
Attribute_Definition: Area of landslide deposit (square feet).
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 22349
Range_Domain_Maximum: 168740368
Attribute:
Attribute_Label: VOL
Attribute_Definition: Volume of landslide deposit (cubic feet).
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 64073
Range_Domain_Maximum: 59767189504
Attribute:
Attribute_Label: DEEP_SHAL
Attribute_Definition: Relative depth of landslide.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Shallow

Enumerated_Domain_Value_Definition: Landslide thickness <= 15 feet
Enumerated_Domain_Value_Definition_Source: SP42
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Deep
Enumerated_Domain_Value_Definition: Landslide thickness > 15 feet
Enumerated_Domain_Value_Definition_Source: SP42
Attribute:
Attribute_Label: QUADNAME
Attribute_Definition: USGS Quandrangle Name.
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Bagby Hot Springs
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Battle Ax
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Elkhorn
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Lyons
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Mill City North
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Rooster Rock
Enumerated_Domain_Value_Definition: Quad Index
Enumerated_Domain_Value_Definition_Source: U.S. Geological Survey
Attribute:
Attribute_Label: sqmi
Attribute_Definition: Area of landslide deposit (square miles).
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:

Range_Domain_Minimum: 0
Range_Domain_Maximum: 6
Attribute:
Attribute_Label: Acres
Attribute_Definition: Area of landslide deposit (acres).
Attribute_Definition_Source: U.S. Geological Survey
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0.5
Range_Domain_Maximum: 3873.7
Attribute:
Attribute_Label: Shape_Length
Attribute_Definition: Length of feature in internal units (feet).
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute_Label: Shape_Area
Attribute_Definition: Area of feature in internal units squared (square feet).
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Overview_Description:
Entity_and_Attribute_Overview: Lists each UNIQUE_ID and its corresponding landslide.
Entity_and_Attribute_Detail_Citation:
Burns, W.J., and Madin, I.P., 2009, Protocol for inventory mapping of landslide deposits from light detection and ranging (LIDAR) imagery: Oregon Department of Geology and Mineral Industries Special Paper 42, 30 p.

Oregon Department of Geology and Mineral Industries, 2009, Oregon geologic data compilation: digital data set courtesy of Bill Burns, will be available online at http://ogdc.geos.pdx.edu/ [digital data set]
Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Position: Ask USGS -- Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center
City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)

Contact_Electronic_Mail_Address: http://water.usgs.gov/user_feedback_form.html
Resource_Description: Downloadable Data
Distribution_Liability: Although these data have been used by the U.S. Geological Survey, U.S. Department of the Interior, no warranty expressed or implied is made by the U.S. Geological Survey as to the accuracy of the data. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the U.S. Geological Survey in the use of these data, software, or related materials. The use of firm, trade, or brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey. The names mentioned in this document may be trademarks or registered trademarks of their respective trademark owners.
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: ESRI Geodatabase Feature Class
Format_Information_Content: PKZIP compression
File_Decompression_Technique: Winzip
Transfer_Size: 1000
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
http://water.usgs.gov/GIS/dsdl/LNsantiam_LandslideInventory.zip
Fees: None. This dataset is provided by USGS as a public service.
Metadata_Reference_Information:
Metadata_Date: 20100927
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Person: REQUIRED: The person responsible for the metadata information.
Contact_Position: Ask USGS -- Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center
City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)
Contact_Electronic_Mail_Address: http://water.usgs.gov/user_feedback_form.html
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: http://www.esri.com/metadata/esriprof80.html
Profile_Name: ESRI Metadata Profile

Metadata_Extensions:
  Online_Linkage: http://www.esri.com/metadata/esriprof80.html
  Profile_Name: ESRI Metadata Profile

**B.2: Timber Harvest Change (1995-2009)**

GIS data set available online:

***http://water.usgs.gov/GIS/dsdl/LNsantiam_TimberChange2009.zip***

Identification_Information:
 Citation:
  Citation_Information:
   Originator: Steven Sobieszczyk
   Publication_Date: 2009
   Title: Timber Harvest Change in the Little North Santiam River Basin, Oregon, 1995 to 2009
   Geospatial_Data_Presentation_Form: vector digital data
   Online_Linkage:
   *http://water.usgs.gov/lookup/getspatial?lnsantiam_TimberChange2009*
 Description:
  Abstract: Using available aerial photos from approximately a 15-year period, changes in timber harvest were mapped in the Little North Santiam River Basin, Oregon. Timber harvest plots as seen on digital orthophotos from 1995, 2000, 2005, and 2009 were digitized and attributed based on harvest type or purpose: clearcut, thinning, or development.
  Purpose: This data set represents four separate periods (1995; 2000; 2005; and 2009) of timber harvest change in the Little North Santiam River Basin, Oregon. Using digital orthophotos from the 4 time periods, each imagery set had observed timber harvest plots digitized and attributed. Classifications were limited to whether the timber harvest area had been clearcut (majority of trees removed), thinned (majority of trees remained), or developed (trees removed and replaced with man-made infrastructure). Land cover change and timber harvest inventory will be used for future watershed analysis in the Little North Santiam Basin.
Supplemental_Information:
 This work was completed as part of the Master's thesis "Using Turbidity Monitoring and LiDAR-Derived Imagery to Investigate Sources of Suspended Sediment in the Little North Santiam River Basin, Oregon, Winter 2009–2010" by Steven Sobieszczyk, Portland State University and U.S. Geological Survey.
 Image evaluation and feature interpretation occurred at a scale of 1:10,000. Digitization of features occurred at a scale of 1:4,000. Timber loss due to natural features, such as landslide and rock outcrop, were not included in inventory.
 Time_Period_of_Content:
  Time_Period_Information:
   Range_of_Dates/Times:
    Beginning_Date: 1995
    Ending_Date: 2009
  Currentness_Reference: ground condition
 Status:
  Progress: Complete
  Maintenance_and_Update_Frequency: As needed

Spatial_Domain:
  Bounding_Coordinates:
    West_Bounding_Coordinate: -122.582591
    East_Bounding_Coordinate: -122.174616
    North_Bounding_Coordinate: 44.880884
    South_Bounding_Coordinate: 44.776300
Keywords:
  Theme:
    Theme_Keyword_Thesaurus: None
    Theme_Keyword: timber harvest
    Theme_Keyword: clearcut
    Theme_Keyword: thinning
    Theme_Keyword: development
    Theme_Keyword: inlandWaters
  Place:
    Place_Keyword_Thesaurus: None
    Place_Keyword: Little North Santiam River
    Place_Keyword: Elkhorn
    Place_Keyword: Mehama
    Place_Keyword: Lyons
    Place_Keyword: Oregon
    Place_Keyword: Marion County
  Temporal:
    Temporal_Keyword_Thesaurus: None
    Temporal_Keyword: 1995
    Temporal_Keyword: 2000
    Temporal_Keyword: 2005
    Temporal_Keyword: 2009
Access_Constraints: None.
Use_Constraints: The U.S. Geological Survey should be acknowledged as the data source in products derived from these data.
Point_of_Contact:
  Contact_Information:
    Contact_Organization_Primary:
      Contact_Organization: U.S. Geological Survey
      Contact_Person: Steven Sobieszczyk
    Contact_Position: Hydrologist
    Contact_Address:
      Address_Type: mailing and physical address
      Address: 2130 SW 5th Ave.
      City: Portland
      State_or_Province: OR
      Postal_Code: 97201
      Country: USA
    Contact_Voice_Telephone: 503-251-3208
    Contact_Facsimile_Telephone: 503-251-3470
    Contact_Electronic_Mail_Address: *ssobie@usgs.gov*

Contact_Instructions:
Warning: Although accurate at the time of production, this information may have become obsolete.
See the Metadata_Reference_Information section for a current contact.
Browse_Graphic:
Browse_Graphic_File_Name:
*http://water.usgs.gov/GIS/browse/LNsantiam_TimberChange2009.jpeg*
Browse_Graphic_File_Description: Illustration of data set
Browse_Graphic_File_Type: JPEG
Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.3000
Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Data mapped at 4:000 scale. Horizontal error was +/- 1 to 24 ft based on either LiDAR or georectified orthophoto accuracy estimates.
Logical_Consistency_Report: Data are topologically correct in ArcGIS.
Completeness_Report: Data are complete.
Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Originator: U.S. Department of Agriculture and U.S. Geological Survey
Publication_Date: 1995
Title: Digital Orthophoto Quadrangles
Geospatial_Data_Presentation_Form: remote-sensing image
Online_Linkage: *http://gis.oregon.gov/DAS/EISPD/GEO/data/doq.shtml*
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 1995
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: USGSDOQ1995
Source_Contribution: Used as digitizing basemap or source.
Source_Information:
Source_Citation:
Citation_Information:
Originator: U.S. Department of Agriculture and U.S. Geological Survey
Publication_Date: 2000
Title: Digital Orthophoto Quadrangles
Geospatial_Data_Presentation_Form: remote-sensing image
Online_Linkage: *http://gis.oregon.gov/DAS/EISPD/GEO/data/doq.shtml*
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:

Calendar_Date: 2000

Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: USGSDOQ2000
Source_Contribution: Used as digitizing basemap or source.
Source_Information:
Source_Citation:
Citation_Information:
Originator: U.S. Department of Agriculture and U.S. Geological Survey
Publication_Date: 2005
Title: Digital Orthophoto Quadrangles
Geospatial_Data_Presentation_Form: remote-sensing image
Other_Citation_Details: National Agriculture Imagery Program (NAIP). 2005. Oregon colored half-meter Digital Orthophoto Quadrangle. U.S. Department of Agriculture and the U.S. Geological Survey.
Online_Linkage: *http://oregonexplorer.info/imagery/*
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2005
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: USGSDOQ2005
Source_Contribution: Used as digitizing basemap or source.
Source_Information:
Source_Citation:
Citation_Information:
Originator: U.S. Department of Agriculture and U.S. Geological Survey
Publication_Date: 2009
Title: Digital Orthophoto Quadrangles
Geospatial_Data_Presentation_Form: remote-sensing image
Other_Citation_Details: National Agriculture Imagery Program (NAIP). 2009. Oregon colored half-meter Digital Orthophoto Quadrangle. U.S. Department of Agriculture and the U.S. Geological Survey.
Online_Linkage: *http://oregonexplorer.info/imagery/*
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:

Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: USGSDOQ2009
Source_Contribution: Used as digitizing basemap or source.
Source_Information:
Source_Citation:
Citation_Information:
Originator: Oregon LiDAR Consortium
Publication_Date: 2009
Title: Willamette Valley LiDAR

Geospatial_Data_Presentation_Form: raster digital data
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2009
Source_Currentness_Reference: ground condition
Source_Citation_Abbreviation: LiDAR
Source_Contribution: Used as digitizing basemap or source.
Process_Step:
Process_Description: Digital Orthophoto Quadrangles (DOQ) for 1995 and 2000 downloaded from Oregon Geospatial Enterprise Office (GEO) at http://gis.oregon.gov/DAS/EISPD/GEO/data/doq.shtml. DOQs for 2005 and 2009 downloaded from Oregon Imagery Explorer at *http://oregonexplorer.info/imagery/*.
Source_Used_Citation_Abbreviation: USGSDOQ2009
Source_Used_Citation_Abbreviation: USGSDOQ2005
Source_Used_Citation_Abbreviation: USGSDOQ2000
Source_Used_Citation_Abbreviation: USGSDOQ1995
Process_Date: 2009
Process_Step:
Process_Description: GIS polygon shapefile created based on DOQ projection (Oregon Lambert Conformal Conic)
Process_Date: 2009
Process_Step:
Process_Description: Using the 1995 DOQs for the Little North Santiam River Basin as a basemap, all recent timber harvest areas were digitized. Polygons were attributed based on harvest type (clearcut or thinning), primary quadrangle location, secondary quadrangle location (if applicable), date of DOQ, and polygon characteristics (perimeter, area, acres, etc.).
Source_Used_Citation_Abbreviation: USGSDOQ1995
Process_Date: 2009
Process_Step:
Process_Description: Digitizing was repeated for 2000, 2005, 2009 DOQs. One more classification was added for timber harvest type – development – area that was harvested and built upon.
Source_Used_Citation_Abbreviation: USGSDOQ2009
Source_Used_Citation_Abbreviation: USGSDOQ2005
Source_Used_Citation_Abbreviation: USGSDOQ2000
Process_Date: 2009
Process_Step:
Process_Description: 2009 timber harvests were mapped using differential lidar grids (highest hit – bare earth: patches of land where difference was less than 5 feet tall where considered clearcut) and 2009 NAIP aerial photographs.
Source_Used_Citation_Abbreviation: LiDAR
Process_Date: 2009
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: G-polygon
Point_and_Vector_Object_Count: 311
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Map_Projection:
Map_Projection_Name: Lambert Conformal Conic
Lambert_Conformal_Conic:
Standard_Parallel: 43.000000
Standard_Parallel: 45.500000
Longitude_of_Central_Meridian: -120.500000
Latitude_of_Projection_Origin: 41.750000
False_Easting: 1312335.958005
False_Northing: 0.000000
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.000001
Ordinate_Resolution: 0.000001
Planar_Distance_Units: international feet
Geodetic_Model:
Horizontal_Datum_Name: D_North_American_1983_HARN
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: lnsantiam_timberchange
Entity_Type_Definition: timber harvest plots
Entity_Type_Definition_Source: U.S. Geological Survey
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Attribute:

Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: dy
Attribute_Definition: Digital Orthophoto Quadrangle (DOQ) year
Attribute_Definition_Source: USDA/USGS DOQ
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 1995
Enumerated_Domain_Value_Definition: Timber harvest plots shown in 1995 photos
Enumerated_Domain_Value_Definition_Source: USGS
Enumerated_Domain:
Enumerated_Domain_Value: 2000
Enumerated_Domain_Value_Definition: Timber harvests shown in 2000 photos not seen in 1995 photos
Enumerated_Domain_Value_Definition_Source: USGS
Enumerated_Domain:
Enumerated_Domain_Value: 2005
Enumerated_Domain_Value_Definition: Timber harvests shown in 2005 photos not seen in 2000 photos
Enumerated_Domain_Value_Definition_Source: USGS
Enumerated_Domain:
Enumerated_Domain_Value: 2009
Enumerated_Domain_Value_Definition: Timber harvests shown in 2009 photos not seen in 2005 photos
Enumerated_Domain_Value_Definition_Source: USGS
Attribute:
Attribute_Label: FEATURE
Attribute_Definition: Timber removal type
Attribute_Definition_Source: USDA/USGS DOQ
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: clearing, timber harvest
Enumerated_Domain_Value_Definition: clearcut stand
Enumerated_Domain_Value_Definition_Source: USGS
Enumerated_Domain:
Enumerated_Domain_Value: thinning, timber harvest
Enumerated_Domain_Value_Definition: 25% or greater trees remain after harvest
Enumerated_Domain_Value_Definition_Source: USGS
Enumerated_Domain:

Enumerated_Domain_Value: clearing, development
Enumerated_Domain_Value_Definition: clearcut stand replaced with urban development or infrastructure
Enumerated_Domain_Value_Definition_Source: USGS
Beginning_Date_of_Attribute_Values: 1992
Ending_Date_of_Attribute_Values: 2005
Attribute:
Attribute_Label: PRIM_QUAD
Attribute_Definition: Primary quadrangle for timber harvest classification
Attribute_Definition_Source: USDA/USGS DOQ
Attribute_Domain_Values:
Unrepresentable_Domain: 1:24,000 Quandrangle Name/Ohio Code
Attribute:
Attribute_Label: SEC_QUAD
Attribute_Definition: Secondary quadrangle for timber harvest classification
Attribute_Definition_Source: USDA/USGS DOQ
Attribute_Domain_Values:
Unrepresentable_Domain: 1:24,000 Quandrangle Name/Ohio Code
Attribute:
Attribute_Label: sqmi
Attribute_Definition: Area measurement of polygon in square miles
Attribute_Definition_Source: USGS
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: SQMI
Enumerated_Domain_Value_Definition: Polygon area
Enumerated_Domain_Value_Definition_Source: Determined by ESRI software (ArcMap calculations)
Attribute:
Attribute_Label: Acres
Attribute_Definition: Area measurement of polygon in acres
Attribute_Definition_Source: USGS
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: ACRES
Enumerated_Domain_Value_Definition: Polygon area
Enumerated_Domain_Value_Definition_Source: Determined by ESRI software (ArcMap calculations)
Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Position: Ask USGS – Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center

City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)
Contact_Electronic_Mail_Address: *http://water.usgs.gov/user_feedback_form.html*
Resource_Description: Downloadable Data
Distribution_Liability: Although these data have been used by the U.S. Geological Survey, U.S. Department of the Interior, no warranty expressed or implied is made by the U.S. Geological Survey as to the accuracy of the data. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the U.S. Geological Survey in the use of these data, software, or related materials. The use of firm, trade, or brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey. The names mentioned in this document may be trademarks or registered trademarks of their respective trademark owners.
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: ESRI Geodatabase Feature Class
Format_Information_Content: PKZIP compression
File_Decompression_Technique: Winzip
Transfer_Size: 1000
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
*http://water.usgs.gov/GIS/dsdl/LNsantiam_TimberChange2009.zip*
Fees: None. This dataset is provided by USGS as a public service.
Metadata_Reference_Information:
Metadata_Date: 20100830
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Position: Ask USGS – Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center
City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)
Contact_Electronic_Mail_Address: *http://water.usgs.gov/user_feedback_form.html*
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time
Metadata_Extensions:
  Online_Linkage: *http://www.esri.com/metadata/esriprof80.html*
  Profile_Name: ESRI Metadata Profile

**B.3: Hydrography**

GIS data set available online:

***http://water.usgs.gov/GIS/dsdl/LNsantiam_Hydrography.zip***

Identification_Information:
 Citation:
  Citation_Information:
   Originator: Steven Sobieszczyk
   Publication_Date: 2010
   Title: Hydrography for the Little North Santiam River Basin, Oregon
   Geospatial_Data_Presentation_Form: vector digital data
   Online_Linkage:
   *http://water.usgs.gov/lookup/getspatial?lnsantiam_Hydrography*
 Description:
  Abstract: LiDAR-derived (hydrography) stream network.
  Purpose: This data set represents the river network for the Little North Santiam River Basin, Oregon. Using light detection and ranging (LiDAR) high-resolution imagery, stream centerlines for rivers, streams, and gullies were digitized.
Supplemental_Information:
This work was completed as part of the Master's thesis "Using Turbidity Monitoring and LiDAR-Derived Imagery to Investigate Sources of Suspended Sediment in the Little North Santiam River Basin, Oregon, Winter 2009–2010" by Steven Sobieszczyk, Portland State University and U.S. Geological Survey.
Mapping completed at 1:4,000 scale. Names of rivers and streams based on those from Oregon Atlas and USGS topographic maps. Data set has 3D component based on elevations querried from LiDAR imagery.
 Time_Period_of_Content:
  Time_Period_Information:
   Single_Date/Time:
    Calendar_Date: 2009
  Currentness_Reference: ground condition
 Status:
  Progress: Complete
  Maintenance_and_Update_Frequency: None planned
 Spatial_Domain:
  Bounding_Coordinates:
   West_Bounding_Coordinate: -122.583134
   East_Bounding_Coordinate: -122.133505
   North_Bounding_Coordinate: 44.900483
   South_Bounding_Coordinate: 44.778859
 Keywords:
  Theme:
   Theme_Keyword_Thesaurus: None
   Theme_Keyword: streams
   Theme_Keyword: rivers

Theme_Keyword: gullies
Theme_Keyword: inlandWaters
Theme_Keyword: hydrography
Theme_Keyword: LiDAR
Place:
Place_Keyword_Thesaurus: None
Place_Keyword: Little North Santiam River
Place_Keyword: Elkhorn
Place_Keyword: Mehama
Place_Keyword: Lyons
Place_Keyword: Oregon
Place_Keyword: Marion County
Temporal:
Temporal_Keyword_Thesaurus: None
Temporal_Keyword: 2009
Access_Constraints: None.
Use_Constraints: The U.S. Geological Survey should be acknowledged as the data source in products derived from these data.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Person: Steven Sobieszczyk
Contact_Position: Hydrologist
Contact_Address:
Address_Type: mailing and physical address
Address: 2130 SW 5th Ave.
City: Portland
State_or_Province: OR
Postal_Code: 97201
Country: USA
Contact_Voice_Telephone: 503-251-3208
Contact_Facsimile_Telephone: 503-251-3470
Contact_Electronic_Mail_Address: ssobie@usgs.gov
Contact_Instructions:
Warning: Although accurate at the time of production, this information may have become obsolete.
See the Metadata_Reference_Information section for a current contact.
Browse_Graphic:
Browse_Graphic_File_Name: http://water.usgs.gov/GIS/browse/LNsantiam_Hydrography.jpeg
Browse_Graphic_File_Description: Illustration of data set
Browse_Graphic_File_Type: JPEG

Data_Quality_Information:
Attribute_Accuracy:

Attribute_Accuracy_Report: Data mapped at 4:000 scale. Horizontal error was +/- 1 ft based on LiDAR accuracy estimates.
Logical_Consistency_Report:
Snapping tolerance set to nodes and vertices during digitizing to avoid dangling nodes and isolated networks.
Data are topologically correct in ArcGIS.
Completeness_Report: Data are complete.
Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Originator: Oregon LiDAR Consortium
Publication_Date: 2009
Title: Willamette Valley LiDAR
Geospatial_Data_Presentation_Form: remote-sensing image
Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2009
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: LIDAR2009
Source_Contribution: Used as digitizing basemap or source.
Process_Step:
Process_Description: LiDAR digital elevation model was converted to a slopeshade model. Linework was manually digitized along river, stream, and gully centerline. Linework mapped at 1:4000 scale and extended as far as what was visually discernable.
Process_Date: 20100610
Process_Time: 17570200
Process_Step:
Process_Description: Streams were annotated based on referenced stream names from Oregon Atlas, USGS topographic maps, and other digital USGS hydrography networks. No naming conflicts existed from streams.
Process_Date: 20100615
Process_Time: 17271300
Process_Step:
Process_Description: Elevations applied to linework using 3D Analyst, Convert features to 3D tool. Values embedded into data set.
Source_Used_Citation_Abbreviation: LIDAR2009
Process_Date: 20100615
Process_Time: 17271300
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 973

Spatial_Reference_Information:
  Horizontal_Coordinate_System_Definition:
    Planar:
      Map_Projection:
        Map_Projection_Name: Lambert Conformal Conic
        Lambert_Conformal_Conic:
          Standard_Parallel: 43.000000
          Standard_Parallel: 45.500000
          Longitude_of_Central_Meridian: -120.500000
          Latitude_of_Projection_Origin: 41.750000
          False_Easting: 1312335.958005
          False_Northing: 0.000000
      Planar_Coordinate_Information:
        Planar_Coordinate_Encoding_Method: coordinate pair
        Coordinate_Representation:
          Abscissa_Resolution: 0.000001
          Ordinate_Resolution: 0.000001
        Planar_Distance_Units: international feet
    Geodetic_Model:
      Horizontal_Datum_Name: D_North_American_1983_HARN
      Ellipsoid_Name: Geodetic Reference System 80
      Semi-major_Axis: 6378137.000000
      Denominator_of_Flattening_Ratio: 298.257222
  Vertical_Coordinate_System_Definition:
    Altitude_System_Definition:
      Altitude_Datum_Name: North American Vertical Datum of 1988
      Altitude_Resolution: 0.5
      Altitude_Distance_Units: feet
      Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates
Entity_and_Attribute_Information:
  Detailed_Description:
    Entity_Type:
      Entity_Type_Label: LNsantiam_Hydrography
      Entity_Type_Definition: Hydrography
      Entity_Type_Definition_Source: U.S. Geological Survey
    Attribute:
      Attribute_Label: FID
      Attribute_Definition: Internal feature number.

      Attribute_Domain_Values:
        Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
    Attribute:
      Attribute_Label: Shape
      Attribute_Definition: Feature geometry.
      Attribute_Definition_Source: ESRI

Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Attribute:
Attribute_Label: Name
Attribute_Definition: Stream name
Attribute_Definition_Source: USGS
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Name
Enumerated_Domain_Value_Definition: Stream name
Enumerated_Domain_Value_Definition_Source: USGS topographic maps, Oregon Atlas, USGS hydrography data sets (RF1, NHDplus)
Attribute:
Attribute_Label: Descript
Attribute_Definition: Stream type
Attribute_Definition_Source: USGS
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: River
Enumerated_Domain_Value_Definition: Defined river segment - only defined river was the Little North Santiam River
Enumerated_Domain_Value_Definition_Source: USGS topographic maps, Oregon Atlas, USGS hydrography data sets (RF1, NHDplus)
Enumerated_Domain:
Enumerated_Domain_Value: Stream
Enumerated_Domain_Value_Definition: Defined stream segment - included any other named stream feature, including creek, brook, stream, etc. as well as unnamed perennial streams.
Enumerated_Domain_Value_Definition_Source: USGS topographic maps, Oregon Atlas, USGS hydrography data sets (RF1, NHDplus)
Enumerated_Domain:
Enumerated_Domain_Value: Gully
Enumerated_Domain_Value_Definition: Undefined, ephemeral, or minor mapped tributaries or channels.
Enumerated_Domain_Value_Definition_Source: USGS topographic maps, Oregon Atlas, USGS hydrography data sets (RF1, NHDplus)
Attribute:
Attribute_Label: Miles
Attribute_Definition: Stream length
Attribute_Definition_Source: USGS
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: Miles
Enumerated_Domain_Value_Definition: Stream length in miles
Enumerated_Domain_Value_Definition_Source: USGS
Overview_Description:

Entity_and_Attribute_Overview: Little North Santiam River, tributaries, and gullies (ephemeral streams) identified.
Entity_and_Attribute_Detail_Citation: LiDAR-derived hydrography
Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey
Contact_Position: Ask USGS -- Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center
City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)

Resource_Description: Downloadable Data
Distribution_Liability: Although these data have been used by the U.S. Geological Survey, U.S. Department of the Interior, no warranty expressed or implied is made by the U.S. Geological Survey as to the accuracy of the data. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the U.S. Geological Survey in the use of these data, software, or related materials. The use of firm, trade, or brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey. The names mentioned in this document may be trademarks or registered trademarks of their respective trademark owners.
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: shapefile
Format_Information_Content: PKZIP compression
File_Decompression_Technique: Winzip
Transfer_Size: 1000
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
http://water.usgs.gov/GIS/dsdl/LNsantiam_Hydrography.zip
Fees: None. This dataset is provided by USGS as a public service.
Metadata_Reference_Information:
Metadata_Date: 20100830
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Geological Survey

Contact_Position: Ask USGS -- Water Webserver Team
Contact_Address:
Address_Type: mailing address
Address: 445 National Center
City: Reston
State_or_Province: VA
Postal_Code: 20192
Country: USA
Contact_Voice_Telephone: 1-888-275-8747 (1-888-ASK-USGS)
Contact_Electronic_Mail_Address: http://water.usgs.gov/user_feedback_form.html
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
Online_Linkage: http://www.esri.com/metadata/esriprof80.html
Profile_Name: ESRI Metadata Profile